LAMPIRAN

Cek.php

```
<?php
		session_start();
		$task =
$_POST['PilihTask'];
		if ($task)
		{
			$_SESSION['task'] =
$task;

	$_SESSION['database'] =
$_POST['PilihDatabase'];

	$_SESSION['sudah_login'] = true;

			if ($task ==
"LihatData")
			{

	header("Location: file_2.php");
			}
			else if (($task ==
"HitungBaru") || ($task ==
"TambahData") || ($task ==
"TambahDatabase"))
			{

	header("Location: file_3.php");
			}
			else if ($task ==
"EditData")
			{

	header("Location: file_4.php");
			}
		}
		else if
($_POST['berusaha_login'] == '1')
		{
			include 'db.php';
			$username =
$_POST['username'];
			$password =
$_POST['password'];

			$sql = "select *
from admin where username='$username'
and password=password('$password')";
	$result = mysql_query($sql,
$link) or die('error login karena :
'.mysql_error());
			$data =
mysql_fetch_array($result);
			$cek_kebenaran =
mysql_num_rows($result);

			if ($cek_kebenaran
== 1)
			{

	$_SESSION['sudah_login']=true;

	$_SESSION['gagal_login']=false;

	$_SESSION['id_admin']=$data[0];

	header("Location: file_1.php");
				}
				else
				{

	$_SESSION['gagal_login']=true;

	header("Location: login.php");
				}
			}
			else
			{
				$kode =
$_GET[kode];

	$_SESSION['database'] = $kode;

				header("Location:
file_2.php");
			}


?>
```

Css.

```
body
{
	background-color: WHITE;
	font-family: Arial, Helvetica,
sans-serif;
	font-size: 14px;
	color: #336699;
}

.judultabel
{
    background-color:#CCCCCC;
	font-weight:bold;
	font-size:14px;
	text-align:center;
}

.isitabelganjil
{
    background-color:WHITE;
}

.isitabelgenap
{
    background-color:#DDDDDD;
}
```

db.php

```
<?php

	$host = "localhost";
	$username = "root";
```

```
	$password = "";
	$link = mysql_connect($host, $username, $password) or die("Kesalahan koneksi Bos... !!");
	mysql_select_db("potensi_tangkapan_lestari", $link) or die("Databasenya Error");
?>
```

eksekusi.php

```
<?php
		session_start();
		include 'db.php';
		$database = $_SESSION['database'];
		$id_admin = $_SESSION['id_admin'];

		$tahun = $_POST['tahun'];
		$data_E=$_POST['E'];
		$data_C=$_POST['C'];

	$total_data=count($data_E);
		$data_CPUE = array();
		$data_ECPUE = array();
		$data_E2 = array();
		$sigma_E=0;
		$sigma_C=0;
		$sigma_CPUE=0;
		$sigma_ECPUE=0;
		$sigma_E2=0;

		//perhitungan dimulai
		for ($i=0;$i<$total_data;$i++)
		{
			$data_CPUE[$i] = $data_C[$i]/$data_E[$i];
			$data_ECPUE[$i] = $data_E[$i]*$data_CPUE[$i];
			$data_E2[$i] = pow($data_E[$i], 2);

			$sigma_E = $sigma_E + $data_E[$i];
			$sigma_C = $sigma_C + $data_C[$i];
			$sigma_CPUE = $sigma_CPUE + $data_CPUE[$i];
			$sigma_ECPUE = $sigma_ECPUE + $data_ECPUE[$i];
			$sigma_E2 = $sigma_E2 + $data_E2[$i];

		}

		$b = (($total_data*$sigma_ECPUE) - ($sigma_E * $sigma_CPUE)) / (($total_data*$sigma_E2) - (pow($sigma_E, 2)));

		$a = ($sigma_CPUE / $total_data) - ($b * ($sigma_E / $total_data));

		$sql = "select * from perhitungan_msy";
		$result = mysql_query($sql, $link);
		$id_terakhir=0;
		while ($data=mysql_fetch_array($result))
		{

	$id_terakhir=$data[0];
		}
		$id_berikutnya = $id_terakhir+1;

		$sql = "insert into perhitungan_msy (id, id_hasil_laut, id_admin) values ('$id_berikutnya', '$database', '$id_admin')";
		mysql_query($sql, $link);

		$linier = array();
		$kuadratik = array();
		$parameter=1;
		for ($i=0;$i<$total_data;$i++)
		{
			$sql = "select id from tahun where tahun='$tahun[$i]'";
			$result = mysql_query($sql, $link);
			$id_tahun = mysql_fetch_array($result);
			$sql = "insert into detail_perhitungan_msy values ('$id_berikutnya', '$parameter', '$id_tahun[0]', '$data_E[$i]')";
			mysql_query($sql, $link);
		}

		$parameter++;
		for ($i=0;$i<$total_data;$i++)
		{
			$sql = "select id from tahun where tahun='$tahun[$i]'";
			$result = mysql_query($sql, $link);
			$id_tahun = mysql_fetch_array($result);
			$sql = "insert into detail_perhitungan_msy values ('$id_berikutnya', '$parameter', '$id_tahun[0]', '$data_C[$i]')";
			mysql_query($sql, $link);
		}

		$parameter++;
```

```
            for
($i=0;$i<$total_data;$i++)
            {
                  $sql = "select id
from tahun where tahun='$tahun[$i]'";
                  $result =
mysql_query($sql, $link);
                  $id_tahun =
mysql_fetch_array($result);
                  $sql = "insert into
detail_perhitungan_msy values
('$id_berikutnya', '$parameter',
'$id_tahun[0]', '$data_CPUE[$i]')";
                  mysql_query($sql,
$link);
            }

            $parameter++;
            for
($i=0;$i<$total_data;$i++)
            {
                  $sql = "select id
from tahun where tahun='$tahun[$i]'";
                  $result =
mysql_query($sql, $link);
                  $id_tahun =
mysql_fetch_array($result);
                  $sql = "insert into
detail_perhitungan_msy values
('$id_berikutnya', '$parameter',
'$id_tahun[0]', '$data_ECPUE[$i]')";
                  mysql_query($sql,
$link);
            }

            $parameter++;
            for
($i=0;$i<$total_data;$i++)
            {
                  $sql = "select id
from tahun where tahun='$tahun[$i]'";
                  $result =
mysql_query($sql, $link);
                  $id_tahun =
mysql_fetch_array($result);
                  $sql = "insert into
detail_perhitungan_msy values
('$id_berikutnya', '$parameter',
'$id_tahun[0]', '$data_E2[$i]')";
                  mysql_query($sql,
$link);
            }

            $parameter++;
            for
($i=0;$i<$total_data;$i++)
            {
                  $linier[$i] = $a +
$b*$data_E[$i];

                  $sql = "select id
from tahun where tahun='$tahun[$i]'";
                  $result =
mysql_query($sql, $link);
                  $id_tahun =
mysql_fetch_array($result);
                  $sql = "insert into
detail_perhitungan_msy values
('$id_berikutnya', '$parameter',
'$id_tahun[0]', '$linier[$i]')";
                  mysql_query($sql,
$link);
            }

            $parameter++;
            for
($i=0;$i<$total_data;$i++)
            {
                  $kuadratik[$i] =
$a*$data_E[$i] + $b*(pow($data_E[$i],
2));

                  $sql = "select id
from tahun where tahun='$tahun[$i]'";
                  $result =
mysql_query($sql, $link);
                  $id_tahun =
mysql_fetch_array($result);
                  $sql = "insert into
detail_perhitungan_msy values
('$id_berikutnya', '$parameter',
'$id_tahun[0]', '$kuadratik[$i]')";
                  mysql_query($sql,
$link);
            }



            header("Location:
file_2.php");
?>
```

file_1.php

```
<?php
      session_start();
      if (isset($_SESSION['sudah_login']))
      {
      session_unregister('task');
      session_unregister('database');
      session_unregister('b');
      session_unregister('a');
      include 'db.php';
?>
<html>
<head>
      <title>Perhitungan Nilai MSY</title>
      <script type="text/javascript">
            function validasi()
            {
                  var answer = confirm("Anda
yakin?");
                        if (answer)
                        {
```

```
                                                    if
(document.form1.PilihDatabase.value == "--Pilih hasil
laut--")
                                                    {

        if (document.form1.PilihTask[4].checked ==
false)

        {

        alert("Hasil laut belum dipilih");

        }

        else

        {

        document.form1.submit();

        }
                                                    }
                                                    else if
((document.form1.PilihTask[0].checked == false) &&
(document.form1.PilihTask[1].checked == false) &&
(document.form1.PilihTask[2].checked == false) &&
(document.form1.PilihTask[3].checked == false) &&
(document.form1.PilihTask[4].checked == false))
                                                    {

        alert("Task belum dipilih");
                                                    }
                                                    else
                                                    {

        document.form1.submit();
                                                    }
                                            }
                    }
        </script>
</head>

<body>
        <br>
        <table width="950px" border="1"
bordercolor="#000000" align="center">
                <tr>
                        <td>
                                <center>
                                <br>
                                <table><tr>

        <td width="70px"><img
src="image/logo_lipi.jpg"></td>

        <td><font face="verdana" size="+2">Potensi
Tangkapan Lestari (Maximum Sustainable
Yield)</font></td>
                                </tr></table>
                                <hr
width="850px">
                                <br>
                                                    <form
name="form1" action="cek.php" method="post">
                                                    <table
width="650px" border="0" align="center"
cellpadding="15">
                                                            <tr
height="50px">

        <td><font size="4">Pilih hasil laut</font></td>

        <td>



        <select name="PilihDatabase" size="1">

                <option><font size="4">--Pilih hasil
laut--</font></option>

                <?php

                        $sql = "select * from
hasil_laut";

                        $result = mysql_query($sql,
$link) or die(mysql_error());

                        while
($data=mysql_fetch_array($result))

                        {

                                                            echo
"<option value=\"$data[0]\">$data[1]</option>";



                        }

                ?>

        </select>

        </td>
                                                            </tr>
                                                            <tr>

        <td valign="top"><font size="+1">Apa yang
ingin anda lakukan ?</font></td>

        <td>

        <font size="4">

        <input type="radio" name="PilihTask"
value="LihatData">Lihat perhitungan
sebelumnya<br><br>

        <input type="radio" name="PilihTask"
value="HitungBaru">Memulai perhitungan baru<br><br>
```

```
		<input type="radio" name="PilihTask"
value="EditData">Edit data<br><br>

		<input type="radio" name="PilihTask"
value="TambahData">Tambah data baru pada data yang
sudah ada<br><br>

		<input type="radio" name="PilihTask"
value="TambahDatabase">Tambah hasil laut baru

		</font>

		</td>
                                                </tr>
                                                <tr
align="center" valign="bottom">

		<td colspan="2" height="100px"><input
type="button" value="OK"
onClick="validasi();"> <input type="reset"
name="reset" value="Reset"></td>
                                                </tr>
                                        </table>
                                        </form>
                                        </center>
                                </td>
                        </tr>
		</table>
		<table width="950px" align="center"><tr
align="right">
                        <td><a href="logout.php"><font
face="courier new" size="2">logout</font></a></td>
		</tr></table>
		</center>
</body>
</html>
<?php
		}
		else
                        header("Location: login.php");
?>


file_2.php


<?php
		session_start();
		include 'db.php';
?>
<html>
<head>
		<title>Perhitungan Regresi Linier</title>
</head>

<body>
		<center>
		<font face="verdana" size="+2">Potensi
Tangkapan Lestari (Maximum Sustainable
Yield)</font><br>
		<br>
		<?php
                        $database = $_SESSION['database'];

                        $sql = "select nama from hasil_laut
where id='$database'";
                        $result = mysql_query($sql, $link);
                        $nama_hasil_laut =
mysql_fetch_array($result);

                        $sql2 = "select admin.nama from
admin, perhitungan_msy where
perhitungan_msy.id_admin=admin.id and
perhitungan_msy.id_hasil_laut='$database'";
                        $result2 = mysql_query($sql2, $link);
                        $nama_admin =
mysql_fetch_array($result2);

                        echo "<font face='verdana'
size=3>terhadap data $nama_hasil_laut[0] </font><br><hr
width='1000px'><font face='verdana' size=1
color='blue'>(perubahan terakhir dilakukan oleh admin
$nama_admin[0])</font><br><br>";

                        $sql1 = "select
detail_perhitungan_msy.nilai from perhitungan_msy,
detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=1 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
                        $sql2 = "select
detail_perhitungan_msy.nilai from perhitungan_msy,
detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=2 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
                        $sql3 = "select
detail_perhitungan_msy.nilai from perhitungan_msy,
detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=3 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
                        $sql4 = "select
detail_perhitungan_msy.nilai from perhitungan_msy,
detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=4 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
                        $sql5 = "select
detail_perhitungan_msy.nilai from perhitungan_msy,
detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=5 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
                        $sql_tahun = "select tahun.tahun from
tahun, perhitungan_msy, detail_perhitungan_msy where
detail_perhitungan_msy.id_tahun=tahun.id and
perhitungan_msy.id_hasil_laut='$database' and
```

```
detail_perhitungan_msy.id_parameter=1 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id order by tahun.tahun";

                    $result1 = mysql_query($sql1, $link) or
die(mysql_error());
                    $result2 = mysql_query($sql2, $link) or
die(mysql_error());
                    $result3 = mysql_query($sql3, $link) or
die(mysql_error());
                    $result4 = mysql_query($sql4, $link) or
die(mysql_error());
                    $result5 = mysql_query($sql5, $link) or
die(mysql_error());
                    $result_tahun =
mysql_query($sql_tahun, $link) or die(mysql_error());

                    $total_data=0;
                    $sigma_E=0;
                    $sigma_C=0;
                    $sigma_CPUE=0;
                    $sigma_ECPUE=0;
                    $sigma_E2=0;

                    ?>
                    <table width="850px" border="1"
cellpadding="5">
                                        <tr height="50px"
align="center" bgcolor="#CCCCCC">
                                        <td>Tahun</td>
                                        <td>E standar
(trip)</td>
                                        <td>C (ton)</td>
                                        <td>CPUE
std</td>
                                        <td>E *
CPUE</td>

          <td>E<sup>2</sup></td>
                                    </tr>
                    <?php
                    while
(($data1=mysql_fetch_array($result1)) &
($data2=mysql_fetch_array($result2)) &
($data3=mysql_fetch_array($result3)) &
($data4=mysql_fetch_array($result4)) &
($data5=mysql_fetch_array($result5)) &
($data_tahun=mysql_fetch_array($result_tahun)))
                    {
                    ?>
                              <tr align="center">
                                        <td><?php echo
$data_tahun['tahun']; ?></td>
                                        <td><?php echo
$data1['nilai']; ?></td>
                                        <td><?php echo
$data2['nilai']; ?></td>
                                        <td><?php echo
$data3['nilai']; ?></td>
                                        <td><?php echo
$data4['nilai']; ?></td>
                                        <td><?php echo
$data5['nilai']; ?></td>
                                    </tr>
                              <?php
                                        $sigma_E = $sigma_E +
$data1['nilai'];
                                        $sigma_C = $sigma_C +
$data2['nilai'];
                                        $sigma_CPUE =
$sigma_CPUE + $data3['nilai'];
                                        $sigma_ECPUE =
$sigma_ECPUE + $data4['nilai'];
                                        $sigma_E2 = $sigma_E2 +
$data5['nilai'];
                                        $total_data = $total_data + 1;
                              }
                              ?>
                                        <tr align="center">
                                                  <td> </td>
                                                  <td>&sum;E =
<?php echo $sigma_E; ?></td>
                                                  <td>&sum;C =
<?php echo $sigma_C; ?></td>
                                                  <td>&sum;CPUE =
<?php echo $sigma_CPUE; ?></td>

          <td>&sum;E*CPUE = <?php echo
$sigma_ECPUE; ?></td>

          <td>&sum;E<sup>2</sup> = <?php echo
$sigma_E2; ?></td>
                                        </tr>
                              </table>
                              <br>
                              <?php
                              $b = (($total_data*$sigma_ECPUE) -
($sigma_E * $sigma_CPUE)) / (($total_data*$sigma_E2) -
(pow($sigma_E, 2)));
                              $a = ($sigma_CPUE / $total_data) -
($b * ($sigma_E / $total_data));
                              $_SESSION['b'] = $b;
                              $_SESSION['a'] = $a;
          ?>
                              <table width="720px" border="0">
                                        <tr align="center">
                                                  <td rowspan="3"
align="right"><font >Slope (b)</font></td>
                                                  <td rowspan="3"
width="30px">=</td>

          <td>n.&sum;E*CPUE -
&sum;E.&sum;CPUE</td>
                                                  <td rowspan="3"
width="100px"> </td>
                                        </tr>
                                        <tr align="center">
                                                  <td><hr></td>
                                        </tr>
                                        <tr align="center">

          <td>n.&sum;E<sup>2</sup> -
(&sum;E)<sup>2</sup></td>
```

```
                                </tr>
                                <tr>
                                        <td
colspan="4"></td>
                                </tr>
                                <tr align="center">
                                        <td
rowspan="3"> </td>
                                        <td
rowspan="3">=</td>
                                        <td><?php echo
"($total_data x $sigma_ECPUE) - ($sigma_E x
$sigma_CPUE)"; ?></td>
                                        <td
rowspan="3"> </td>
                                </tr>
                                <tr align="center">
                                        <td><hr></td>
                                </tr>
                                <tr align="center">
                                        <td><?php echo
"($total_data x $sigma_E2) - ($sigma_E)&sup2;"; ?></td>
                                </tr>
                                <tr>
                                        <td
colspan="4"></td>
                                </tr>
                                <tr>
                                        <td> </td>
                                        <td
align="center">=</td>
                                        <td
colspan="2"><?php echo $b; ?></td>
                                </tr>
                                <tr>
                                        <td
colspan="4"> </td>
                                </tr>
                                <tr>
                                        <td
align="right"><font >Intersep (a)</font></td>
                                        <td
align="center">=</td>
                                        <td
colspan="2">CPUE&macr; - b*E&macr;</td>
                                </tr>
                                <tr>
                                        <td> </td>
                                        <td
align="center">=</td>
                                        <td
colspan="2"><?php echo $sigma_CPUE/$total_data." - ($b
x ".$sigma_E/$total_data.")"; ?></td>
                                </tr>
                                <tr>
                                        <td> </td>
                                        <td
align="center">=</td>
                                        <td
colspan="2"><?php echo $a; ?></td>
                                </tr>
                                <tr>
                                        <td
colspan="4"> </td>
                                </tr>
                                <tr>
                                        <td
align="right"><font >Upaya Optimum (Fopt)</font></td>
                                        <td
align="center">=</td>
                                        <td colspan="2">-a
/ 2b </td>
                                </tr>
                                <tr>
                                        <td> </td>
                                        <td
align="center">=</td>
                                        <td
colspan="2"><?php echo (-$a)/(2*$b); ?></td>
                                </tr>
                                <tr>
                                        <td
colspan="4"> </td>
                                </tr>
                                <tr>
                                        <td
align="right"><font >Potensi Lestari Maksimum
(MSY)</font></td>
                                        <td
align="center">=</td>
                                        <td colspan="2">-
a&sup2; / 4b </td>
                                </tr>
                                <tr>
                                        <td> </td>
                                        <td
align="center">=</td>
                                        <td
colspan="2"><?php

                                        $MSY = (-(pow($a,
2)))/(4*$b);

                                        mysql_query("update
perhitungan_msy set msy='$MSY' where
id_hasil_laut='$database'", $link);

                                        echo $MSY;

                                ?>
                        </td>
                                </tr>
                                <tr>
                                        <td
colspan="4"> </td>
                                </tr>
                                <tr>
                                        <td
align="right"><font >TAC</font></td>
                                        <td
align="center">=</td>
                                        <td
colspan="2">80% * MSY </td>
                                </tr>
```

```
                                <tr>
                                        <td> </td>
                                        <td
align="center">=</td>
                                        <td
colspan="2"><?php echo 0.8*$MSY; ?></td>
                                </tr>
                                <tr>
                                        <td
colspan="4"> </td>
                                </tr>
                                <tr>
                                        <td
colspan="2"> Keterangan</td>
                                        <td
colspan="2"> </td>
                                </tr>
                                <tr>
                                        <td
colspan="4">  CPUE&macr; : rata-rata
CPUE</td>
                                </tr>
                                <tr>
                                        <td
colspan="4">  E&macr; : rata-rata E</td>
                                </tr>
                                <tr>
                                        <td
colspan="4">  n : banyak data</td>
                                </tr>
                        </table>

                        <br>
                        <table width="600px" border="1"
cellpadding="5">
                                <tr height="50px"
align="center" bgcolor="#CCCCCC">
                                        <td
width="100px">x</td>
                                        <td>y = a +
bx</td>
                                        <td>y = ax +
bx&sup2;</td>
                                </tr>
                                <?php
                                        $sql1 = "select
detail_perhitungan_msy.nilai from perhitungan_msy,
detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=1 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id order by detail_perhitungan_msy.nilai";
                                        $sql6 = "select
detail_perhitungan_msy.nilai from perhitungan_msy,
detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=6 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id order by detail_perhitungan_msy.nilai";
                                        $sql7 = "select
detail_perhitungan_msy.nilai from perhitungan_msy,
detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=7 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id order by detail_perhitungan_msy.nilai";
                                        $result1 =
mysql_query($sql1, $link) or die(mysql_error());
                                        $result6 =
mysql_query($sql6, $link) or die(mysql_error());
                                        $result7 =
mysql_query($sql7, $link) or die(mysql_error());

                                        while
(($data1=mysql_fetch_array($result1)) &
($data6=mysql_fetch_array($result6)) &
($data7=mysql_fetch_array($result7)))
                                        {
                                ?>
                                <tr>
                                        <td> <?php
echo $data1['nilai']; ?></td>
                                        <td> <?php
echo $data6['nilai']; ?></td>
                                        <td> <?php
echo $data7['nilai']; ?></td>
                                </tr>
                                <?php
                                }
                                ?>
                        </table>
                        <br><br><br><br>

                        <script type="text/javascript"
src="js/swfobject.js"></script>
                        <script
type="text/javascript">swfobject.embedSWF("open-flash-
chart.swf", "grafik-linier", "800", "550", "9.0.0",
"expressInstall.swf", {"data-file":"grafik-
linier.php"});</script>
                        <div id="grafik-linier"></div>
                        <br><br><br><br><br><br>

                        <script type="text/javascript"
src="js/swfobject.js"></script>
                        <script
type="text/javascript">swfobject.embedSWF("open-flash-
chart.swf", "grafik-kuadratik", "800", "550", "9.0.0",
"expressInstall.swf", {"data-file":"grafik-
kuadratik.php"});</script>
                        <div id="grafik-kuadratik"></div>
                        <br><br>
                <?php
                        if (isset($_SESSION['sudah_login']))
                        {
                                ?><input type="button"
value="Kembali"
onClick="window.location='file_1.php'"><?php
                        }
                        else
                        {
                                ?><input type="button"
value="Kembali"
onClick="window.location='index.php'"><?php
```

```
                }
        ?>
        </center>
</body>
</html>
```

file_3.php

```
<?php
        session_start();
        if (isset($_SESSION['sudah_login']))
        {
?>
<html>
<head>
        <title>Perhitungan Regresi Linier</title>
        <script type="text/javascript">
                function validasi()
                {
                        var answer = confirm("Anda
yakin?");
                        var banyak_data =
document.form3_1.banyak_data.value;
                        if (answer)
                        {
                                if
(isNaN(parseInt(banyak_data)))
                                {

        alert("Angka harus bilangan bulat");
                                }
                                else if
(banyak_data<1)
                                {

        alert("Bilangan harus lebih besar dari nol");
                                }
                                else
                                {

        document.form3_1.submit();
                                }
                        }
                }

                function make_sure()
                {
                        var answer = confirm("Sekali
dibuat, database tidak dapat dihapus. Anda yakin?");
                        if (answer)
                        {
                                if
(document.form3_2.nama_database.value == "")
                                {

        alert("Tidak boleh dikosongkan");
                                }
                                else
                                {

        document.form3_2.submit();
                                }
                        }
                }
        </script>
</head>

<body>
        <center>
        <?php
                if (($_SESSION['task'] ==
"HitungBaru") || ($_SESSION['task'] == "TambahData"))
                {
                        if ($_SESSION['task'] ==
"HitungBaru")
                        {
                        ?>
                                <font
face="verdana" size="+3">Perhitungan baru</font>
                                <br>
                                <br>
                        <?php
                        }
                        else if ($_SESSION['task']
== "TambahData")
                        {
                        ?>
                                <font
face="verdana" size="+3">Tambah data baru</font>
                                <br>
                                <br>
                        <?php
                        }
                        ?>
                        <form name="form3_1"
method="post" action="file_4.php">
                        <table width="500px"
border="1">
                                <tr height="100px"
align="center">

        <td><font size="4">Masukkan banyak data yang
akan dihitung :&amp;emsp;<input type="text"
name="banyak_data" size="5"
maxlength="5"></font></td>
                                </tr>
                        </table>
                        <br>
                                <input
type="button" name="submit_banyak_data" value="OK"
onClick="validasi()">
                                <input
type="button" value="Batal"
onClick="window.location='file_1.php'">
                                </form>
                <?php
                }
                else if ($_SESSION['task'] ==
"TambahDatabase")
                {
                        session_unregister('task');

        session_unregister('database');
```

```
                                session_unregister('b');
                                session_unregister('a');
                        ?>
                                <font face="verdana"
size="+3">Tambah hasil laut baru</font>
                                <br>
                                <br>
                                <form name="form3_2"
method="post" action="file_5.php">
                                <table width="550px"
border="1">
                                        <tr height="100px"
align="center">

        <td><font size="4">Masukkan nama hasil laut
yang baru :&amp;emsp;<input type="text"
name="nama_database" size="20"
maxlength="20"></font></td>
                                        </tr>
                                </table>
                                <br>
                                        <input
type="button" name="submit_nama_database"
value="OK" onClick="make_sure()">
                                        <input
type="button" value="Batal"
onClick="window.location='file_1.php'">
                                </form>
                        <?php
                        }
        ?>

        </center>
</body>
</html>
<?php
        }
        else
                header("Location: login.php");
?>

file_4.php

<?php
        session_start();
        if (isset($_SESSION['sudah_login']))
        {
        include 'db.php';
        $database = $_SESSION['database'];
?>
<html>
<head>
        <title>Perhitungan Regresi Linier</title>
        <script language="javascript">
                function make_sure()
                {
                        var pertanyaan =
confirm("Anda yakin dengan data yang dimasukkan?");
                        if (pertanyaan)
                        {

        document.form4.submit();
                        }
                }
        </script>
</head>

<body>
        <?php
                if ($_SESSION['task'] ==
"HitungBaru")
                {
                        mysql_query("delete from
perhitungan_msy where id_hasil_laut='$database'", $link);
                ?>
                        <center>
                        <font face="verdana"
size="+3">Perhitungan Baru</font>
                        <br>
                        <br>
                        <form name="form4"
method="post" action="eksekusi.php">
                        <table width="950px"
border="1" cellpadding="15">
                                <tr align="center">
                                        <td>

        <?php

        $n = $_POST['banyak_data'];

        $j = 0;


        for($i=0;$i<$n;$i++)

        {

                $j++;

                echo "Masukkan Tahun $j : "; ?><input
type="text" name="tahun[]" size="10"
maxlength="10"> <?php

                echo "Masukkan E<sub>$j</sub> : ";
?><input type="text" name="E[]" size="15"
maxlength="15"> <?php

                echo "Masukkan C<sub>$j</sub> : ";
?><input type="text" name="C[]" size="15"
maxlength="15"><br><?php

        }

        ?>
                                        </td>
                                </tr>
                        </table>
                        <br>
                        <input
type="button" name="submit_hitung" value="Hitung dan
Tampilkan" onClick="make_sure()">
                        </form>
                        </center>
```

```
<?php
}
else if ($_SESSION['task'] == "EditData")
{
?>
<center>
<font face="verdana" size="+3">Edit Data</font>
<br>
<br>
<form name="form4" method="post" action="eksekusi.php">
<table width="750px" border="1" cellpadding="15">
<tr align="center">
<td>

<?php

$sql1 = "select detail_perhitungan_msy.nilai from perhitungan_msy, detail_perhitungan_msy where perhitungan_msy.id_hasil_laut='$database' and detail_perhitungan_msy.id_parameter=1 and detail_perhitungan_msy.id_perhitungan=perhitungan_msy.id";

$sql2 = "select detail_perhitungan_msy.nilai from perhitungan_msy, detail_perhitungan_msy where perhitungan_msy.id_hasil_laut='$database' and detail_perhitungan_msy.id_parameter=2 and detail_perhitungan_msy.id_perhitungan=perhitungan_msy.id";

$sql3 = "select tahun.tahun from tahun, perhitungan_msy, detail_perhitungan_msy where detail_perhitungan_msy.id_tahun=tahun.id and perhitungan_msy.id_hasil_laut='$database' and detail_perhitungan_msy.id_parameter=1 and detail_perhitungan_msy.id_perhitungan=perhitungan_msy.id";

$result1 = mysql_query($sql1, $link) or die(mysql_error());

$result2 = mysql_query($sql2, $link) or die(mysql_error());

$result3 = mysql_query($sql3, $link) or die(mysql_error());


$j = 0;


while (($data1=mysql_fetch_array($result1)) & ($data2=mysql_fetch_array($result2)) & ($data3=mysql_fetch_array($result3)))

{

$j++;

echo "Tahun $j : "; ?><input type="text" name="tahun[]" size="10" maxlength="10" value="<?php echo $data3['tahun']; ?>"> <?php

echo "Effort (E) <sub>$j</sub> : "; ?><input type="text" name="E[]" size="15" maxlength="15" value="<?php echo $data1['nilai']; ?>"> <?php

echo "Tangkapan (C) <sub>$j</sub> : "; ?><input type="text" name="C[]" size="15" maxlength="15" value="<?php echo $data2['nilai']; ?>"><br><?php

}

?>
</td>
</tr>
</table>
<br>
<input type="button" name="submit_hitung" value="Hitung dan Tampilkan" onClick="make_sure()">
</form>
</center>
<?php
mysql_query("delete from perhitungan_msy where id_hasil_laut='$database'", $link);
}
else if ($_SESSION['task'] == "TambahData")
{
?>
<center>
<font face="verdana" size="+3">Tambah data baru</font>
<br>
<br>
<form name="form4" method="post" action="eksekusi.php">
<table width="950px" border="1" cellpadding="15">
<tr align="center">
<td>

<?php

$sql1 = "select detail_perhitungan_msy.nilai from perhitungan_msy, detail_perhitungan_msy where perhitungan_msy.id_hasil_laut='$database' and detail_perhitungan_msy.id_parameter=1 and detail_perhitungan_msy.id_perhitungan=perhitungan_msy.id";

$sql2 = "select detail_perhitungan_msy.nilai from perhitungan_msy, detail_perhitungan_msy where perhitungan_msy.id_hasil_laut='$database' and detail_perhitungan_msy.id_parameter=2 and detail_perhitungan_msy.id_perhitungan=perhitungan_msy.id";
```

```
	$sql3 = "select tahun.tahun from tahun, perhitungan_msy, detail_perhitungan_msy where detail_perhitungan_msy.id_tahun=tahun.id and perhitungan_msy.id_hasil_laut='$database' and detail_perhitungan_msy.id_parameter=1 and detail_perhitungan_msy.id_perhitungan=perhitungan_msy.id";


	$result1 = mysql_query($sql1, $link) or die(mysql_error());

	$result2 = mysql_query($sql2, $link) or die(mysql_error());

	$result3 = mysql_query($sql3, $link) or die(mysql_error());



	$j = 0;



	while (($data1=mysql_fetch_array($result1)) & ($data2=mysql_fetch_array($result2)) & ($data3=mysql_fetch_array($result3)))

	{

		$j++;

		echo "Tahun $j : "; ?><input type="text" name="tahun[]" size="10" maxlength="10" value="<?php echo $data3['tahun']; ?>" readonly> <?php

		echo "Effort (E) <sub>$j</sub> : "; ?><input type="text" name="E[]" size="15" maxlength="15" value="<?php echo $data1['nilai']; ?>" readonly> <?php

		echo "Tangkapan (C) <sub>$j</sub> : "; ?><input type="text" name="C[]" size="15" maxlength="15" value="<?php echo $data2['nilai']; ?>" readonly><br><?php

	}



	$n = $_POST['banyak_data'];


	for($i=0;$i<$n;$i++)

	{

		$j++;

		echo "Masukkan Tahun ke-$j : "; ?><input type="text" name="tahun[]" size="10" maxlength="10"> <?php

		echo "Masukkan E<sub>$j</sub> : "; ?><input type="text" name="E[]" size="15" maxlength="15"> <?php

		echo "Masukkan C<sub>$j</sub> : "; ?><input type="text" name="C[]" size="15" maxlength="15"><br><?php

	}

	?>
</td>
</tr>
</table>
<br>
<input type="submit" name="submit_hitung" value="Hitung dan Tampilkan">
</form>
</center>
<?php
mysql_query("delete from perhitungan_msy where id_hasil_laut='$database'", $link);
}
?>
</body>
</html>
<?php
}
else
header("Location: login.php");
?>
```

file_5.php

```
<?php
	session_start();
	if (isset($_SESSION['sudah_login']))
	{
	include 'db.php';

	$nama_database = $_POST[nama_database];
	$sql = "insert into hasil_laut values ('', '$nama_database')";
	$result = mysql_query($sql, $link);
	if ($result)
	{
	?>
		<center>
		<br />
		<br />
		<font face="verdana" size="+3">Selamat! Hasil laut baru berhasil ditambah</font>
		<br />
		<br />
		<input type="button" value="OK" onclick="window.location='file_1.php'" size="8" />
		</center>
```

```
	<?php
	}
?>
<?php
	}
	else
		header("Location: login.php");
?>
```

grafik-kuadratik.php

```
<?php
	session_start();
	include 'php-ofc-library/open-flash-chart.php';
	include 'db.php';

	$chart = new open_flash_chart();

	$database = $_SESSION['database'];
	$sql = "select nama from hasil_laut where
id='$database'";
	$result = mysql_query($sql, $link);
	$nama_hasil_laut = mysql_fetch_array($result);
	$title = new title( "Grafik Kuadratik Tangkapan
($nama_hasil_laut[0])" );
	$title->set_style( "{font-size: 17px; font-family:
Arial; font-weight: bold; color: #990033; text-align:
center;}" );
	$chart->set_title( $title );

	$s = new scatter_line( '#CC0000', 3 );
	$chart->set_bg_colour( '#FFFFC1' );

	$def = new hollow_dot();
	$def->size(3)->halo_size(2);

	$s->set_default_dot_style( $def );

	$v = array();
	$b = $_SESSION['b'];
	$a = $_SESSION['a'];

	$trip = "x 1.000.000 trip";
	$perkalian = 1000000;
	$kuadratik_array = array();
	$y_max = 0;
	for ($i=0;$i<250;$i++)
	{
		$kuadratik = ($a*$i*$perkalian) +
($b*pow($i*$perkalian, 2));
		if ($kuadratik>=0)
		{
			$v[$i] = new scatter_value(
$i, $kuadratik );
			$kuadratik_array[$i] =
$kuadratik;
		}
		$kuadratik = 0;
	}

	if (count($kuadratik_array)<5)
	{
		$trip = "x 100.000 trip";
		$perkalian = 100000;
		$kuadratik_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$kuadratik =
($a*$i*$perkalian) + ($b*pow($i*$perkalian, 2));
			if ($kuadratik>=0)
			{
				$v[$i] = new
scatter_value( $i, $kuadratik );

	$kuadratik_array[$i] = $kuadratik;
			}
			$kuadratik = 0;
		}
	}

	if (count($kuadratik_array)<5)
	{
		$trip = "x 10.000 trip";
		$perkalian = 10000;
		$kuadratik_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$kuadratik =
($a*$i*$perkalian) + ($b*pow($i*$perkalian, 2));
			if ($kuadratik>=0)
			{
				$v[$i] = new
scatter_value( $i, $kuadratik );

	$kuadratik_array[$i] = $kuadratik;
			}
			$kuadratik = 0;
		}
	}

	if (count($kuadratik_array)<5)
	{
		$trip = "x 1000 trip";
		$perkalian = 1000;
		$kuadratik_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$kuadratik =
($a*$i*$perkalian) + ($b*pow($i*$perkalian, 2));
			if ($kuadratik>=0)
			{
				$v[$i] = new
scatter_value( $i, $kuadratik );

	$kuadratik_array[$i] = $kuadratik;
			}
			$kuadratik = 0;
		}
	}

	if (count($kuadratik_array)<5)
```

```
	{
		$trip = "x 100 trip";
		$perkalian = 100;
		$kuadratik_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$kuadratik =
($a*$i*$perkalian) + ($b*pow($i*$perkalian, 2));
			if ($kuadratik>=0)
			{
				$v[$i] = new
scatter_value( $i, $kuadratik );

	$kuadratik_array[$i] = $kuadratik;
			}
			$kuadratik = 0;
		}
	}

	if (count($kuadratik_array)<5)
	{
		$trip = "x 10 trip";
		$perkalian = 10;
		$kuadratik_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$kuadratik =
($a*$i*$perkalian) + ($b*pow($i*$perkalian, 2));
			if ($kuadratik>=0)
			{
				$v[$i] = new
scatter_value( $i, $kuadratik );

	$kuadratik_array[$i] = $kuadratik;
			}
			$kuadratik = 0;
		}
	}

	if (count($kuadratik_array)<5)
	{
		$trip = "trip";
		$perkalian = 1;
		$kuadratik_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$kuadratik =
($a*$i*$perkalian) + ($b*pow($i*$perkalian, 2));
			if ($kuadratik>=0)
			{
				$v[$i] = new
scatter_value( $i, $kuadratik );

	$kuadratik_array[$i] = $kuadratik;
			}
			$kuadratik = 0;
		}
	}

	for ($i=0;$i<count($kuadratik_array);$i++)
	{
		if($kuadratik_array[$i]>$y_max)
		{
			$y_max =
$kuadratik_array[$i];
		}
	}

	$s2 = new scatter( '#000000', 3 );

	$def2 = new solid_dot();
	$def2->size(3)->halo_size(2);

	$s2->set_default_dot_style( $def2 );
	$v2 = array();

	$i = 0;

	$sql1 = "select detail_perhitungan_msy.nilai
from perhitungan_msy, detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=1 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
	$sql2 ="select detail_perhitungan_msy.nilai from
perhitungan_msy, detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=2 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
	$result1 = mysql_query($sql1, $link);
	$result2 = mysql_query($sql2, $link);

	while(($data1=mysql_fetch_array($result1)) &
($data2=mysql_fetch_array($result2)))
	{
		$v2[$i] = new scatter_value(
$data1['nilai']/$perkalian, $data2['nilai'] );
		$i++;
	}

	$s->set_values( $v );
	$s->set_key( "Data Tangkapan (C) hasil
perhitungan regresi", 10 );
	$s2->set_values( $v2 );
	$chart->add_element( $s );
	$chart->add_element( $s2 );

	$x_legend = new x_legend( "Effort ($trip)" );
	$x_legend->set_style( '{font-size: 15px; color:
#778877}' );
	$chart->set_x_legend( $x_legend );

	$y_legend = new y_legend( 'Tangkapan (ton)' );
	$y_legend->set_style( '{font-size: 15px; color:
#778877}' );
	$chart->set_y_legend( $y_legend );

	$x = new x_axis();
	$x->set_range( 0, count($kuadratik_array) );
	$x->set_steps( 1 );
```

```
	$chart->set_x_axis( $x );

	$y = new y_axis();
	$y->set_range( 0,
ceil($y_max)+2*(round(ceil($y_max)/count($kuadratik_arr
ay), -2)), round(ceil($y_max)/count($kuadratik_array), -2)
);
	$chart->set_y_axis( $y );

	echo $chart->toPrettyString();
?>
```

grafik-linier.php

```
<?php
	session_start();
	include 'php-ofc-library/open-flash-chart.php';
	include 'db.php';

	$chart = new open_flash_chart();

	$database = $_SESSION['database'];
	$sql = "select nama from hasil_laut where
id='$database'";
	$result = mysql_query($sql, $link);
	$nama_hasil_laut = mysql_fetch_array($result);
	$title = new title( "Grafik Linier CPUE
($nama_hasil_laut[0])" );
	$title->set_style( "{font-size: 17px; font-family:
Arial; font-weight: bold; color: #990033; text-align:
center;}" );
	$chart->set_title( $title );

	$s = new scatter_line( '#CC0000', 3 );
	$chart->set_bg_colour( '#FFFFC1' );

	$def = new hollow_dot();
	$def->size(3)->halo_size(2);

	$s->set_default_dot_style( $def );

	$v = array();
	$b = $_SESSION['b'];
	$a = $_SESSION['a'];

	$trip = "x 1.000.000 trip";
	$perkalian = 1000000;
	$linier_array = array();
	$y_max = 0;
	for ($i=0;$i<250;$i++)
	{
		$linier = $a + ($b*$i*$perkalian);
		if ($linier>=0)
		{
			$v[$i] = new scatter_value(
$i, $linier );
			$linier_array[$i] = $linier;
		}
		$linier = 0;
	}

	if (count($linier_array)<5)
	{
		$trip = "x 100.000 trip";
		$perkalian = 100000;
		$linier_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$linier = $a +
($b*$i*$perkalian);
			if ($linier>=0)
			{
				$v[$i] = new
scatter_value( $i, $linier );
				$linier_array[$i] =
$linier;
			}
			$linier = 0;
		}
	}

	if (count($linier_array)<5)
	{
		$trip = "x 10.000 trip";
		$perkalian = 10000;
		$linier_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$linier = $a +
($b*$i*$perkalian);
			if ($linier>=0)
			{
				$v[$i] = new
scatter_value( $i, $linier );
				$linier_array[$i] =
$linier;
			}
			$linier = 0;
		}
	}

	if (count($linier_array)<5)
	{
		$trip = "x 1000 trip";
		$perkalian = 1000;
		$linier_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$linier = $a +
($b*$i*$perkalian);
			if ($linier>=0)
			{
				$v[$i] = new
scatter_value( $i, $linier );
				$linier_array[$i] =
$linier;
			}
			$linier = 0;
		}
	}
```

```
	if (count($linier_array)<5)
	{
		$trip = "x 100 trip";
		$perkalian = 100;
		$linier_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$linier = $a +
($b*$i*$perkalian);
			if ($linier>=0)
			{
				$v[$i] = new
scatter_value( $i, $linier );
				$linier_array[$i] =
$linier;
			}
			$linier = 0;
		}
	}

	if (count($linier_array)<5)
	{
		$trip = "x 10 trip";
		$perkalian = 10;
		$linier_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$linier = $a +
($b*$i*$perkalian);
			if ($linier>=0)
			{
				$v[$i] = new
scatter_value( $i, $linier );
				$linier_array[$i] =
$linier;
			}
			$linier = 0;
		}
	}

	if (count($linier_array)<5)
	{
		$trip = "trip";
		$perkalian = 1;
		$linier_array = array();
		$y_max = 0;
		for ($i=0;$i<250;$i++)
		{
			$linier = $a +
($b*$i*$perkalian);
			if ($linier>=0)
			{
				$v[$i] = new
scatter_value( $i, $linier );
				$linier_array[$i] =
$linier;
			}
			$linier = 0;
		}
	}

	for ($i=0;$i<count($linier_array);$i++)
	{
		if($linier_array[$i]>$y_max)
		{
			$y_max = $linier_array[$i];
		}
	}

	$s2 = new scatter( '#000000', 3 );

	$def2 = new solid_dot();
	$def2->size(3)->halo_size(2);

	$s2->set_default_dot_style( $def2 );
	$v2 = array();

	$i = 0;

	$sql1 = "select detail_perhitungan_msy.nilai
from perhitungan_msy, detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=1 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
	$sql3 = "select detail_perhitungan_msy.nilai
from perhitungan_msy, detail_perhitungan_msy where
perhitungan_msy.id_hasil_laut='$database' and
detail_perhitungan_msy.id_parameter=3 and
detail_perhitungan_msy.id_perhitungan=perhitungan_msy.
id";
	$result1 = mysql_query($sql1, $link);
	$result3 = mysql_query($sql3, $link);

	while(($data1=mysql_fetch_array($result1)) &
($data3=mysql_fetch_array($result3)))
	{
		$v2[$i] = new scatter_value(
$data1['nilai']/$perkalian, $data3['nilai'] );
		$i++;
	}

	$s->set_values( $v );
	$s->set_key( "Data CPUE hasil perhitungan
regresi", 10 );
	$s2->set_values( $v2 );
	$chart->add_element( $s );
	$chart->add_element( $s2 );

	$x_legend = new x_legend( "Effort ($trip)" );
	$x_legend->set_style( '{font-size: 15px; color:
#778877}' );
	$chart->set_x_legend( $x_legend );

	$y_legend = new y_legend( 'CPUE (ton / trip)' );
	$y_legend->set_style( '{font-size: 15px; color:
#778877}' );
	$chart->set_y_legend( $y_legend );

	$x = new x_axis();
	$x->set_range( 0, count($linier_array) );
	$x->set_steps( 1 );
```

```
	$chart->set_x_axis( $x );

	$y = new y_axis();
	$y->set_range( 0,
$y_max+2*(round($y_max/count($linier_array), 3)),
round($y_max/count($linier_array), 3) );
	$chart->set_y_axis( $y );
	$chart->set_number_format(4);

	echo $chart->toPrettyString();
?>
```

index.php

```
<?php
	session_start();
	session_destroy();
	include 'db.php';
	$result = mysql_query("select hasil_laut.nama,
perhitungan_msy.id_hasil_laut, perhitungan_msy.msy from
hasil_laut, perhitungan_msy where
perhitungan_msy.id_hasil_laut=hasil_laut.id", $link);

?>
<html>
<head>
<title>Lokasi Tangkapan Ikan</title>
</head>

<body>
<center>
	<map id="map" name="map">
		<?php $data =
mysql_fetch_array($result); ?>
		<area name="<?php echo
$data['nama']; ?>" title="<?php  echo $data['nama'].",
$emsp MSY : ".sprintf("%0.2f", $data['msy']); ?>"
shape="circle"
coords="504,538,30"href="cek.php?kode=<?php echo
$data['id_hasil_laut']; ?>">
		<?php $data =
mysql_fetch_array($result); ?>
		<area name="<?php echo
$data['nama']; ?>" title="<?php  echo $data['nama'].",
$emsp MSY : ".sprintf("%0.2f", $data['msy']); ?>"
shape="circle"
coords="596,579,30"href="cek.php?kode=<?php echo
$data['id_hasil_laut']; ?>">
		<?php $data =
mysql_fetch_array($result); ?>
		<area name="<?php echo
$data['nama']; ?>" title="<?php  echo $data['nama'].",
$emsp MSY : ".sprintf("%0.2f", $data['msy']); ?>"
shape="circle"
coords="313,377,30"href="cek.php?kode=<?php echo
$data['id_hasil_laut']; ?>">
		<?php $data =
mysql_fetch_array($result); ?>
		<area name="<?php echo
$data['nama']; ?>" title="<?php  echo $data['nama'].",
$emsp MSY : ".sprintf("%0.2f", $data['msy']); ?>"
shape="circle"
coords="406,520,30"href="cek.php?kode=<?php echo
$data['id_hasil_laut']; ?>">
		<?php $data =
mysql_fetch_array($result); ?>
		<area name="<?php echo
$data['nama']; ?>" title="<?php  echo $data['nama'].",
$emsp MSY : ".sprintf("%0.2f", $data['msy']); ?>"
shape="circle"
coords="319,487,30"href="cek.php?kode=<?php echo
$data['id_hasil_laut']; ?>">
	</map>
	<img src="image/peta.jpg" alt="Peta Indonesia"
border="1" width="1280" height="745" usemap="#map">
	<table width="1280" border="1">
		<tr>
			<td>
			<table width="1280"
border="0"><tr align="right">
				<td
width="800">&amp;copy; <font face="courier new"
size="2">2011 Ridwan Effendi & Febri
Ariyanto</font></td>
				<td
width="*"><font face="courier new" size="2"><a
href="file_1.php">Login</a></font></td>
				</tr></table>
			</td>
		</tr>
	</table>
</center>
</body>
</html>
```

login.php

```
<?php
	session_start();
	session_register("gagal_login");

	if (isset($_SESSION['sudah_login']))
	{
		header("Location: file_1.php");
	}
	else
	{
?>
<html>
<head>
<title>Login</title>
<link href="css.css" rel="stylesheet" type="text/css">
</head>

<body>
	<br>
	<h1 align="center">Situs Administrator</h1>
	<form name="form_login" method="post"
action="cek.php">
	<table width="250" height="300" align="center"
border="1" bordercolor="#000000">
		<tr>
			<td valign="top">
```

```
		<table width="200" height="200" align="center" border="0" bordercolor="#000000">
			<tr>
				<td height="40" valign="bottom">Username</td>
			</tr>
			<tr>
				<td height="10"><input type="text" name="username" size="30" maxlength="30"></td>
			</tr>
			<tr>
				<td height="40" valign="bottom">Password</td>
			</tr>
			<tr>
				<td height="10"><input type="password" name="password" size="30" maxlength="30"></td>
			</tr>
			<tr>
				<td><input type="submit" name="login" value="Login"><input type="hidden" name="berusaha_login" value="1"></td>
			</tr>
		</table>
				</td>
			</tr>
		</table>
		<table width="250" height="30" align="center" border="0" bordercolor="#000000">
			<tr>
				<td align="right">
					<?php
						if (isset($_SESSION['gagal_login']))
						{
						?>

		<font face="Arial, Helvetica, sans-serif" color="#FF0000" size="2"><b>salah username atau password</b></font>
						<?php
						}
						else
						{
						?>

		 
						<?php
						}
					?>
				</td>
			</tr>
		</table>
		</form>
</body>
</html>
<?php
		}
?>
```

logout.php

```
<?php
		session_start();
		session_destroy();
		header("Location: index.php");
?>
```

PUSAT PENELITIAN INFORMATIKA
LEMBAGA ILMU PENGETAHUAN INDONESIA
Jl. Cisitu No. 21/154D Bandung 40135
Telp. (022) 2504711 - Fax. (022) 2504712
URL: http://www.informatika.lipi.go.id

Kepada,
Yth. **Dekan**
Fakultas Teknik dan Ilmu Komputer
Universitas Komputer Indonesia
Jln. Dipatiukur No. 114 - 116
Bandung 40132

TANDA TERIMA

No.	URAIAN	BANYAKNYA	KETERANGAN
1.	Nomor : 378/IPT.3.01/LT/2011 Tanggal : 21 Juni 2011 Perihal : **Kerja Praktek Mahasiswa a.n. Ridwan & Febri**	1 surat	-

Bandung, Juni 2011

Yang menerima,

Santi M. SE.

NIP. 9127 10 01-095

Yang menyerahkan,

NIP.

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PUSAT PENELITIAN INFORMATIKA (RESEARCH CENTRE FOR INFORMATICS)

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Nomor : 378/IPT.3.01/LT/2011
Lamp. : -
Perihal : **Kerja Praktek Mahasiswa**

Bandung, 21 Juni 2011

Kepada,
Yth. **Dekan**
Fakultas Teknik dan Ilmu Komputer
Universitas Komputer Indonesia
Jln. Dipatiukur No. 114 - 116
Bandung 40132

Dengan hormat,

Menanggapi surat Saudara Nomor : 255/KP/FTIK-IFS1/UNIKOM/VI/2011 tanggal 17 Juni 2011 perihal Permohonan Kerja Praktek, pada prinsipnya kami dapat menerima permohonan Saudara atas nama mahasiswa :

No.	N a m a	NIM	Program Studi
1.	**Ridwan Effendi**	**10108479**	**S1 – Teknik Informatika**
2.	**Febri Ariyanto**	**10108472**	**S1 – Teknik Informatika**

Pusat Penelitian Informatika-LIPI tidak keberatan/menyetujui permohonan kerja praktek tersebut. Adapun teknis pelaksanaannya, harap Mahasiswa tersebut menghubungi Pembimbing Ibu **Dian Andriana, M.T.** pada **Sub Bagian Jasa dan Informasi**.

Atas perhatiannya, kami ucapkan terima kasih.

Kepala Bagian Tata Usaha,

Crispinus Lugito, S.Sos
NIP. 19561031 198103 1 002

Tembusan :
1. Kepala Sub Bagian Kepegawaian;
2. Pembimbing y.b.s. : Sdr. Dian Andriana, M.T.;
3. Pertinggal.

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JURUSAN TEKNIK INFORMATIKA
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KAMPUS II : JL. DIPATI UKUR 116 TELP. (022) 2533676, 2506634 BANDUNG 40132
KAMPUS III : JL. DIPATI UKUR 102 TELP. (022) 2503624, FAX. 2533754 BANDUNG 40132
KAMPUS IV : JL. DIPATI UKUR 114 TELP. (022) 2506553, 2508412 BANDUNG 40132

PENILAIAN KERJA PRAKTEK
UNIVERSITAS KOMPUTER INDONESIA

Nama Mahasiswa/i : Ridwan Effendi
NIM : 101 08479
Jurusan : Teknik Informatika
Nama Perusahaan : Pusat Penelitian Informatika - LIPI,
Alamat Perusahaan Dan telepon : Jln - Sangkuriang / Cisitu no. 21 / 154D kompleks LIPI Bandung, Jawa Barat
Waktu Kerja Praktek : 04 - Juli - 2011
Nama Pejabat Penilai : .....
Jabatan : .....

NO	ASPEK YANG DINILAI	NILAI	INDEK PRESTASI
1	Disiplin Dalam Bekerja	70	
2	Kemampuan Menyelesaikan Tugas	90	
3	Prestasi Kerja	90	
4	Inisiatif	90	
5	Kepribadian	80	

JUDUL LAPORAN KERJA PRAKTEK

Perhitungan Potensi Tangkapan Lestari (Maximum Sustainable Yield) dengan metode Schaefer

Komentar Pejabat Penilai Atas Prestasi Kerja Mahasiswa/I UNIKOM

.....
.....

NILAI	INDEKS	KETERANGAN
80≤ NA≤100	A	Sangat Baik
70≤NA≤79	B	Baik
55≤NA≤69	C	Cukup
41≤NA≤54	D	Kurang
0≤NA≤40	E	Buruk

Bandung, 28 Januari 2012

Mengetahui
Ketua Jurusan Teknik Informatika

Mira Kania Sabariah, S.T.M.T
NIP. 412770 06 008

Koordinator Kerja Praktek

Dian Andriana, ST. MT.
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PENILAIAN KERJA PRAKTEK
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Nama Perusahaan : Pusat Penelitian Informatika - LIPI
Alamat Perusahaan Dan telepon : Jln. Sangkuriang / Cisitu no-21 / 154D kompleks LIPI Bandung, Jawa Barat
Waktu Kerja Praktek : 04 Juli 2011
Nama Pejabat Penilai : .....
Jabatan : .....

NO	ASPEK YANG DINILAI	NILAI	INDEK PRESTASI
1	Disiplin Dalam Bekerja	70	
2	Kemampuan Menyelesaikan Tugas	90	
3	Prestasi Kerja	90	
4	Inisiatif	90	
5	Kepribadian	80	

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NILAI	INDEKS	KETERANGAN
80≤ NA≤100	A	Sangat Baik
70≤NA≤79	B	Baik
55≤NA≤69	C	Cukup
41≤NA≤54	D	Kurang
0≤NA≤40	E	Buruk

Bandung, 28 Januari 2012

Mengetahui
Ketua Jurusan Teknik Informatika

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ABSENSI KERJA PRAKTEK

NIM : 10108479
NAMA : Ridwan Effendi

No	Tanggal	Jam Masuk	Jam Keluar	Paraf Petugas	Keterangan
1	4- Juli -2011	8.00	16.00		
2	5 - Juli - 2011	8.00	16.00		
3	6 - Juli - 2011	8.00	16.00		
4	7 - Juli - 2011	8.00	16.00		
5	8 - Juli - 2011	8.00	16.00		
6	11 - Juli - 2011	8.00	16.00		
7	12 - Juli - 2011	8.00	16.00		
8	13 - Juli - 2011	13.00	16.00		
9	14 - Juli - 2011	8.00	16.00		
10	15 - Juli - 2011	8.00	16.00		
11	18 - Juli - 2011	8.00	16.00		
12	19 - Juli - 2011	8.00	16.00		
13	20 - Juli - 2011	8.00	16.00		
14	21 - Juli - 2011	8.00	16.00		
15	22 - Juli - 2011	8.00	16.00		
16	25 - Juli - 2011	08.00	16.00		
17	26 - Juli - 2011	08.00	16.00		
18	27 - Juli - 2011	08.00	16.00		
19	28 - Juli - 2011	08.00	16.00		
20	29 - Juli - 2011	08.00	16.00		
21	30 - Juli - 2011	08.00	16.00		
22	1 Agt - 2011	08.00	16.00		
23	2 Agt - 2011	08.00	16.00		
24	3 Agt 2011	08.00	16.00		
25	4 Agt 2011	08.00	16.00		

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KAMPUS III : JL. DIPATI UKUR 102 TELP. (022) 2503624, FAX. 2533754 BANDUNG 40132
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ABSENSI KERJA PRAKTEK

NIM : 10108472
NAMA : Febri Aryanto

No	Tanggal	Jam Masuk	Jam Keluar	Paraf Petugas	Keterangan
1	4 Juli 2011	8.00	16.00		
2	5 Juli 2011	8.00	16.00		
3	6 Juli 2011	8.00	16.00		
4	7 Juli 2011	8.00	16.00		
5	8 Juli 2011	8.00	16.00		
6	9 Juli 2011				
7	10 Juli 2011	Minggu	Minggu		
8	11 Juli 2011	8.00	16.00		
9	12 Juli 2011	8.00	16.00		
10	13 Juli 2011	8.00	16.00		
11	14 Juli 2011	8.00	16.00		
12	15 Juli 2011	8.00	16.00		
13	16 Juli 2011				
14	17 Juli 2011	Minggu	Minggu		
15	18 Juli 2011	8.00	16.00		
16	19 Juli 2011	8.00	16.00		
17	20 Juli 2011	8.00	16.00		
18	21 Juli 2011	8.00	16.00		
19	22 Juli 2011	8.00	16.00		
20	23 Juli 2011				
21	24 Juli 2011	Minggu	Minggu	Minggu	
22	25 Juli 2011	8.00	16.00		
23	26 Juli 2011	8.00	16.00		
24	27 Juli 2011	8.00	16.00		
25	28 Juli 2011	8.00	16.00		
26	29 Juli 2011	8.00	16.00		
27	30 Juli 2011				
28	31 Juli 2011	Minggu	Minggu	Minggu	
29	1 Agt 2011	8.00	16.00		
30	2 Agt 2011	8.00	16.00		
31	3 Agt 2011	8.00	16.00		

SURAT PERNYATAAN

Dengan ini saya

Nama	: Ridwan Effendi
Asal Sekolah / Perguruan Tinggi	: Jurusan Teknik Informatika Fakultas Teknik dan Ilmu Komputer Universitas Komputer Indonesia
NIM	: 10108479
Nama Produk	: Aplikasi Berbasis Web Untuk Perhitungan Potensi Tangkapan Lestari (Maximum Sustainable Yield) Dengan Metode Schaefer

menyatakan bahwa

1. Pusat Penelitian Informatika Lembaga Ilmu Pengetahuan Indonesia merupakan pemilik sah dari seluruh keluaran produk hasil magang Kerja Praktek / Tugas Akhir.

2. Pusat Penelitian Informatika Lembaga Ilmu Pengetahuan Indonesia merupakan pemegang hak eksklusif dari seluruh source code setiap produk.

3. Pusat Penelitian Informatika Lembaga Ilmu Pengetahuan Indonesia merupakan pemegang Hak Cipta seluruh produk dan demonya.

4. Dilarang mempublikasikan produk hasil magang tanpa seijin Pusat Penelitian Informatika Lembaga Ilmu Pengetahuan Indonesia

Bandung, 27-1-2010

(Ridwan Effendi)

SURAT PERNYATAAN

Dengan ini saya

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NIM	: 10108472
Nama Produk	: Aplikasi Berbasis Web Untuk Perhitungan Potensi Tangkapan Lestari (Maximum Sustainable Yield) Dengan Metode Schaefer

menyatakan bahwa

1. Pusat Penelitian Informatika Lembaga Ilmu Pengetahuan Indonesia merupakan pemilik sah dari seluruh keluaran produk hasil magang Kerja Praktek / Tugas Akhir.

2. Pusat Penelitian Informatika Lembaga Ilmu Pengetahuan Indonesia merupakan pemegang hak eksklusif dari seluruh source code setiap produk.

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Bandung, 27-1-2010

Febri Ariyanto