ABSTRACT

Englishis the International language which serve as connecting diverse communities in the world. Although it is not the most widely used language in the world but English is a language that must be learned in each country. This triggers software developers to create a useful software as a translator like Google Translate and Bing Translator which will translate English language into various languages. But when it finds a word in the form of the idiom, the translation results do not provide results in accordance with the word that you want to translated because it will translated word by word. In this research will use string matching KMP (Knuth-Morris-Pratt) Algorithm which will serve as a filter that will keep information of the English idiom.

Key words: English Idiom, Knuth-Morris-Pratt Algorithm, Translator, String Matching