ABSTRACT

Development of information technology and telecommunications now very fast, can be seen in reality, life is currently dependent on technology, aspects of IT technology such as computers, mobile phones and the internet as the medium plays an important role, in which internet technology is from the work until the pleasure can be obtained .We know that the internet network via radio waves or other medium as the subject easier for us to communicate, for example, we make phone calls via internet, video calls ,remote data exchange is relativelyfastand inexpensive, and much more. All require internet, but it should be observed, in addition to the many benefits of the internet for life, in this technology surely we need a safety data, eg data-data which we send to the internet that is confidential is notjust anyone can figure it out.That is valuable, not everyone can get it (tapping, changing data, etc.).

In this final duty conducted the application of *Skipjack* algorithm, one of which is a cryptographic algorithm *Skipjack* algorithm 64-bit electronic codebook. Where the algorithm is implemented in an application that serves as a data protection or security of *user* data.

This final also shows how the process of encryption and decryption of data that is devoted here to the Blackberry smartphone using the algorithms mentioned *Skipjack*.

So the problem has been described as the conversion of data and intercepts the data by other parties can be resolved either by the application, which in this case is devoted to the Blackberry smartphone *user* data security.

*Key*words : cryptography, *Skipjack*, smartphone, Blackberry, protection