Abstract

This handing out studies about comparative analysis between algorithms MMB and RC6 as a encoding algorithm art of data by being based on cipher block. Though both this algorithms has the same bases that is cipher block, but both having different method in encoding data.

MMB is method which is expansion from method IDEA which is method popular in encoding of data in its (the epoch, but along development of progress of technology computer hence this method required its (the expansion that always is exploited, and the matter there is in method MMB. RC6 also is method developed from method RC5, where this RC5 method has enough can protect information encoded.

MMB and RC6 is method having key size 128 bits and block size 128 bits. Both having function of encryption to decryption and a data with lock public, but which of which more reliable from both the methods either from the angle of speed process based on specification of computer, time complexity and space, and security and safety of second algorithm of the method. Therefore, at this end duty would in method comparative analysis MMB and RC6.

Keyword : cipher block, MMB, RC6, speed of time, kompleksity and space, and algorithm security and safety.