ANNOTATION

This thesis project is devoted to studying the subject area of encryption, analyzing, developing an application to demonstrate information hiding by several encryption methods, one encoding method and two hashing methods, developing your own encryption method, testing the program for errors that affect the performance of the application.

In economic part the analysis of opportunities of commercialization of software products which were used for creation of model is made, possible costs for development of the degree project are calculated and calculation of economic efficiency at creation of model is made.

In the section of health and safety are defined optimum a working condition, calculation of illumination and calculation for system of ventilation indoors is made.