

ANNOTATION

The purpose of this diploma project is to study the basics of modern symmetric cryptography, methods and means of protecting information from unauthorized access. The result of the study will be the development of a modern program of symmetric block encryption. The encryption algorithm implemented in the program will have a certain level of resistance to cryptanalysis. The program will have a modern, simple and intuitive user interface, described using web-technologies. Also for the convenience of using the program on any PC will be implemented cross-platform.