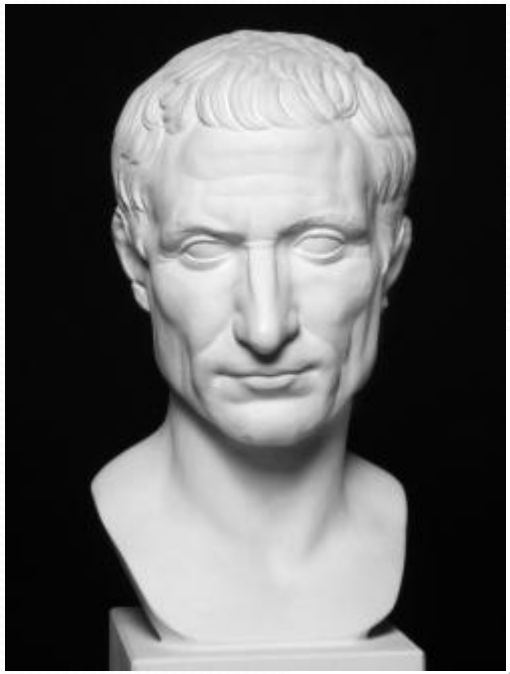
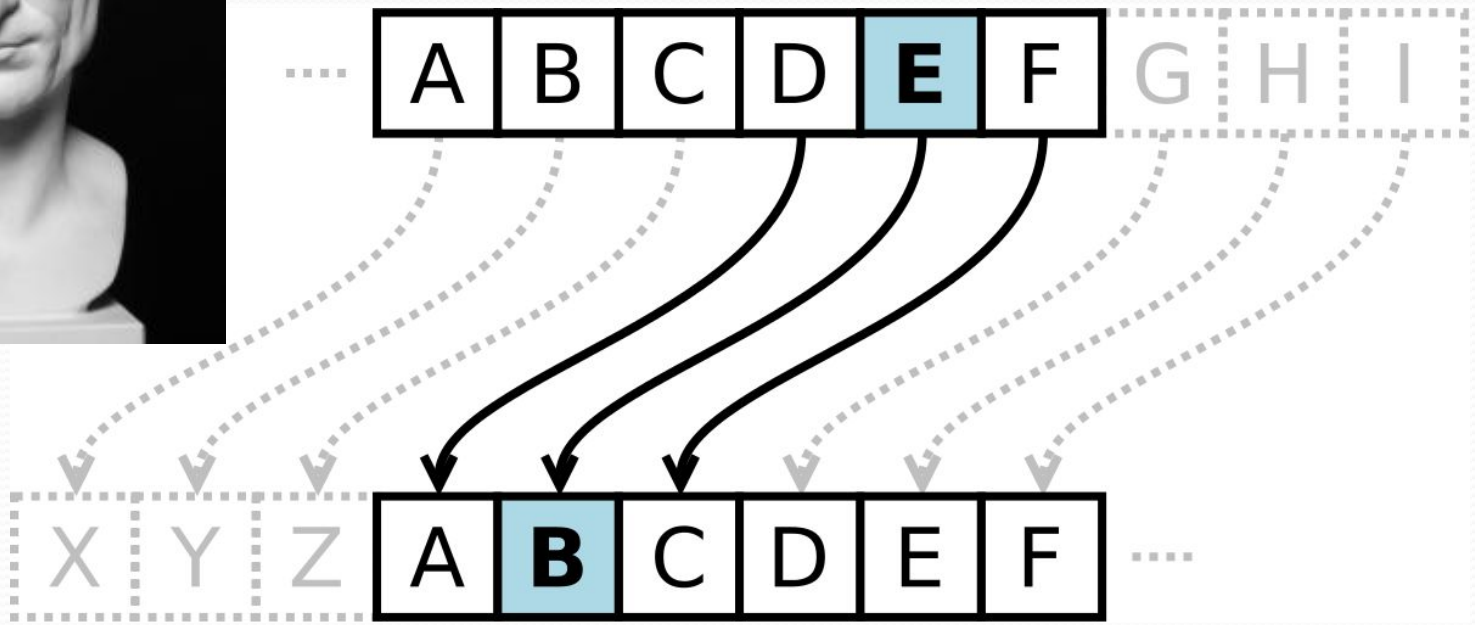
Cryptography - data protection method

Derbyshev Lev
RI-270007

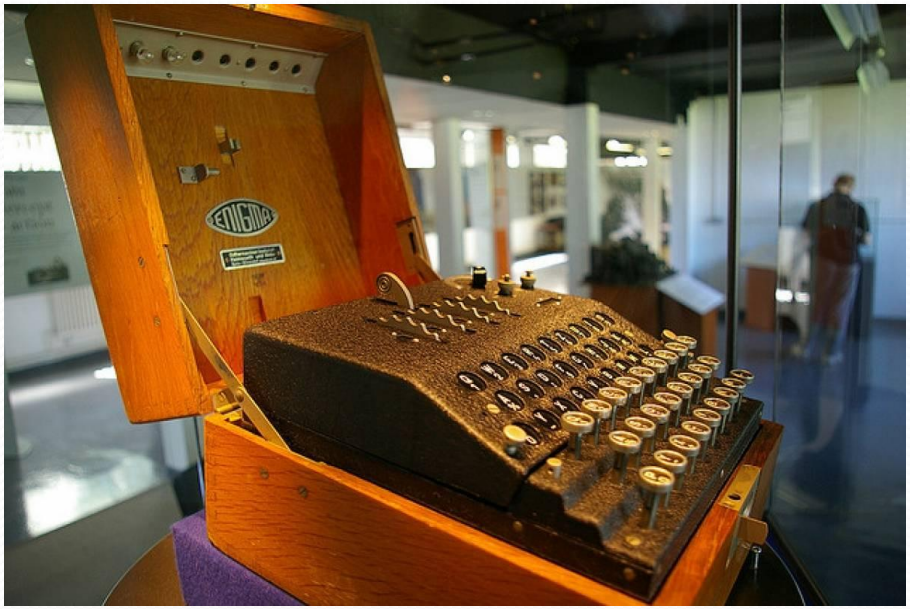
Caesar cipher





Enigma Encryption Machine

This is what the Enigma machine looks like. With its help, German soldiers managed to pass instructions during World War II.



Information Problems

As the amount of data increases, the following problems appear:

- Data leakage
- Data substitution
- Distortion due to technical reasons

Personal data. Who is interested in this?

A lot of people search like information. Its use may have a different character from the sale of a product to the actions of a criminal character.

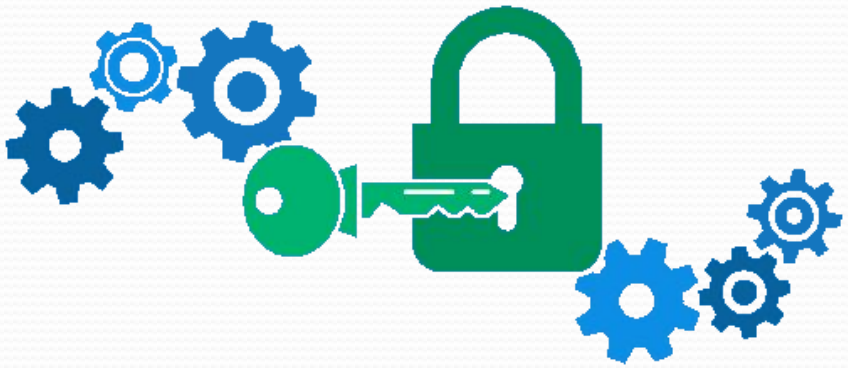
One-way encryption

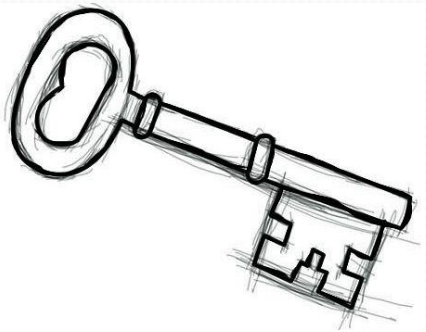
Image Name	Download	Size	Version	sha256sum
Linux 64 Bit	HTTP | Torrent	3.0G	2018.3a	61bc17ee83ffa12e674af35503181bb336e943ccefac90805807f4bf0137e4b2
Linux 32 Bit	HTTP | Torrent	3.1G	2018.3a	8928746e7a4d7d9cdab4df4300becfb9566aaaf9a7386cfe4edfeb74b884352c
Linux Light 64 Bit	HTTP | Torrent	854M	2018.3a	7d5c3b2797e86ef3791bf01ba3b792ec161417f9e0ea9f3f117f9a94f3df9ec2
Linux Light 32 Bit	HTTP | Torrent	851M	2018.3a	c207f43492282e04fa040e32a2cdb5ccb58b73654eaab33bd0ac5f9dc10d587d
Linux Kde 64 Bit	HTTP | Torrent	3.1G	2018.3a	7fad2a1058f881d6ed37f5da05c4bab95852abfdb526ea86346e21eb7c7ac629

This is an example of how to calculate a unique hash sum. Check the program for authenticity.

Two-way encryption

This type of encryption can be decrypted by knowing the master key. It is designed to transmit data securely.



Thanks for attention

Thanks to the organizers