



Welcome

Please fill this form





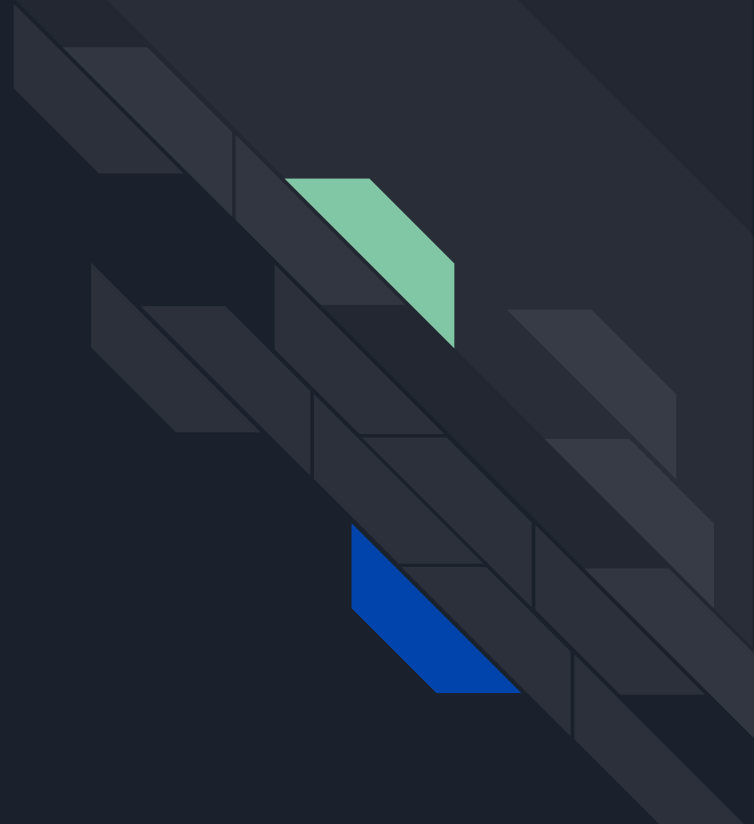
Agenda

- Google XSS Level 5 solution
- Cryptography
 - Quick introduction
 - Activity



Google XSS Level 5 solution

<https://xss-game.appspot.com/level6>



Cryptography

- **Encryption:** encoding information; converting original representation of info into an alternative form known as ciphertext.
- **Decryption:** decoding information; converting encrypted info back in its original representation.

This is some text I want to encrypt. I am using vigenere cipher to do it.

Fun fact: the cipher was invented in 1553 by the Italian cryptographer Giovan Battista Bellaso but for centuries was attributed to the 16th-century French cryptographer Blaise de Vigenère, who devised a similar cipher in 1586.



TLIQAOWNQBSINRRDXNAACENRAZ
SNCAIVYNGHRCLNSRUQVTKNTVM
REPRTGINUKVNRBTHOLVZFNXHTR
FYPZRNRUKRCGCNIRLJGWNGABIN
RRJRLAKMIEAHCNRUKRCRNRMAL
AIVYNGUKRYCNIRLNOSVYATZARG
OWTYABILJNYSNZHRFMETGELGA
VICFTAAQAGXTPVHYTCQTXOLGNI
NCWZLAARTXUPLTDRCAILNAEETT
MTXEPFRXRVJNOWELQKRPGTKRFP
RFRWFBTHETVYIDLNT....



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Caesar cipher

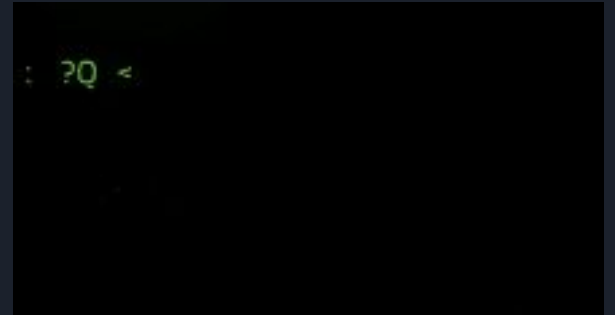
Definition: type of substitution cipher in which each letter in the plaintext is replaced by a letter some fixed number of positions down the alphabet.

Advantages:

- Easy to implement
- Requires only a few computing resources
- One short key is used in the entire process

Disadvantages:

- Can be easily broken
- Provides very little security



Xor cipher

Definition: simple additive cipher technique that uses the XOR (exclusive OR) operation for encoding and decoding.

Advantages:

- Easy to understand and implement.
- Fast and efficient making it suitable for simple encryption tasks.

Disadvantages:

- Vulnerability to Frequency Analysis
- Inadequate for Strong Security



Activity



Caesar cipher: `nc chal.gopherhack.club 5010`

Caesar cipher: `nc chal.gopherhack.club 5011`

Xor cipher: `nc chal.gopherhack.club 5012`

LCG: `nc chal.gopherhack.club 5013`