

CS789 Encryption/Decryption

Symmetric and Asymmetric Enc/Dec

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# ElGAMAl

I have created this encryption algorithm in three steps –

* For Entire Simulation between Alice and Bob Enter 1
* To encrypt a message and generate a public key Enter 2
* To decrypt a message Enter 3
* To Generate Bob Public Key Enter 4

Run the script using **python Elgamal.py**

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

ELGAML EVE ATTACK

Enter the values manually in ElgamalEve.py as shown below and run the program using

Command **python ElgamalEve.py**

Text

Description automatically generated

# RSA

I have created this encryption algorithm in three steps –

* For Entire Simulation between Alice and Bob Enter 1
* To encrypt a message and generate a public key Enter 2
* To decrypt a message Enter 3

Run the programmed using **python .\RSA.py**

Text

Description automatically generated

A picture containing graphical user interface

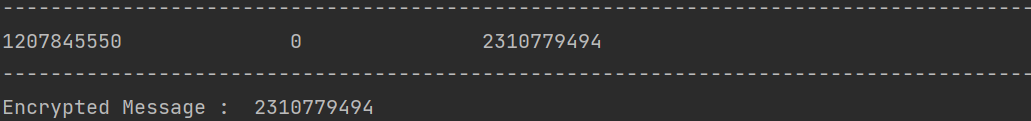
Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

Text

Description automatically generated



Text

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

RSA EVE ATTACK

Run the programmed using **python .\RSA.py**

Enter the values manually or console will ask you to enter the values

A screenshot of a computer

Description automatically generated

Text

Description automatically generated

