

15. Test the DES algorithm for encryption and decryption by using online tool.

<https://anycript.com/crypto/des>

Encryption:

### DES Encryption

Encryption Text

My name is Binamra Kafle

Encrypted Text

Z2P90DCmjF8uqfsJhevXTgMtKkh99GPz7Uae95jhAlk=

Secret Key

Binamra@#\$

Encryption Mode

CBC

ECB

Decryption:

### DES Decryption

Encrypted Text

Z2P90DCmjF8uqfsJhevXTgMtKkh99GPz7Uae95jhAlk=

Decrypted Text

My name is Binamra Kafle

Secret Key

Binamra@#\$

Encryption Mode

CBC

ECB

16. Test the AES algorithm for encryption and decryption by using online tool.

<https://anycript.com/crypto>

Encryption:

### AES Encryption

Encryption Text

My name is Binamra Kafle

Secret Key

Binamra@#\$123456

Encryption Key Size

128 Bits

192 Bits

256 Bits

Encryption Mode

CBC

ECB

Encrypted Text

ainC9aMi0GLKjJSz0S5G4vBebejN6J8CqxdIS2jeEug=

Decryption:

### AES Decryption

Encrypted Text

ainC9aMi0GLKjJSz0S5G4vBebejN6J8CqxdIS2jeEug=

Secret Key

Binamra@#\$123456

Encryption Key Size

128 Bits

192 Bits

256 Bits

Encryption Mode

CBC

ECB

Decrypted Text

My name is Binamra Kafle

17. Test the SHA-256 by using some cryptographic tool to demonstrate.

<https://10015.io/tools/sha256-encrypt-decrypt>

Encryption:

Encrypter

Decrypter

Text  
kafle

SHA256 Hash  
fda84622b5b5d755fcd126d9d72c5c89e90d4dab7820e  
cbd881b9edcf16102dc

»

Encrypt >

Reset

Copy

Decryption:

Encrypter

Decrypter

SHA256 Hash  
fda84622b5b5d755fcd126d9d72c5c89e90d4dab7820e  
cbd881b9edcf16102dc

Text  
kafle

»

Elapsed Time: 14.59s

Trial Count: 5.1M

Decryption Settings ▾

Decrypt >

Reset

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