```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-1>java XOREncryption
Enter plain text:
2211CS010547
Encrypted String:
bbaa`a`edg
Decrypted String:
2211CS010547
```

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-1>java XOREncryption
Enter plain text:
Subhapreet Patro
Encrypted String:
%281 "55$p1$"?
Decrypted String:
Subhapreet Patro
```

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-2>java CeasarCipher
Enter any string:
MallaReddyUniversity
Enter the key:
3

Encrypted String is: PdoodUhggbXqlyhuvlwb

Decrypted String is: MallaReddyUniversity
```
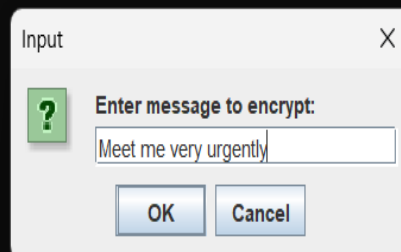
```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-2>java CeasarCipher
Enter any string:
Subhapreet Patro
Enter the key:
3

Encrypted String is: Vxekdsuhhw Sdwur

Decrypted String is: Subhapreet Patro
```
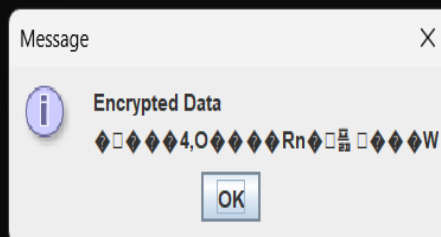
```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-3>java DES
 ?S SymmerticKey=????y
```
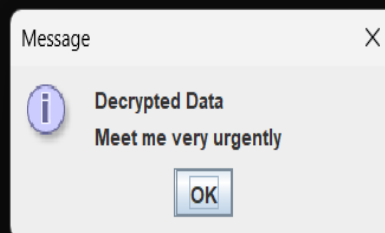
Input   ×

? | Enter message to encrypt:
    Meet me very urgently

        OK   Cancel

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-3>java DES
 ?S SymmerticKey=????y
Encrypted message:????4,O????Rn????W
```

Message ✕

ℹ **Encrypted Data**
◆□◆◆◆4,O◆◆◆◆Rn◆□器□◆◆◆W

[OK]

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-3>java DES
 ?S SymmerticKey=????y
Encrypted message:????4,O????Rn????W
Decrypted message:Meet me very urgently
```

Message ✕

ℹ **Decrypted Data**
Meet me very urgently

[OK]

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-4>java AES
Enter the secret key:
secret
Enter the original Message:
```

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-4>java AES
Enter the secret key:
secret
Enter the original Message:
Welcome to CSE DEPT
Message Encryption Using AES Algorithm
 ----------
Original Message: Welcome to CSE DEPT
Encrypted Message: OMH1q4EBwCsTrdpgUItKFnZua5n6f7fBsXWRuhYAPds=
Decrypted Message: Welcome to CSE DEPT
```

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-5>java BlowFish
Password: Malla Reddy University
Encrypted text: SBEvS2jP6Ui5mMhSf6bYYkuZOhSwnf3y
Decrypted text: Malla Reddy University
```

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-6>java RSA
Enter the number to be encrypted and decrypted
12
Enter 1st prime number p
3
Enter 2nd prime number q
11
The value of z = 20
The value of e = 3
The value of d = 7
Encrypted message is : -
12.0
Decrypted message is : -
12
```

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-6>java RSA
Enter the number to be encrypted and decrypted
21
Enter 1st prime number p
7
Enter 2nd prime number q
11
The value of z = 60
The value of e = 7
The value of d = 43
Encrypted message is : -
21.0
Decrypted message is : -
21
```

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-7>java DiffieHellman
Enter prime number: 23
Enter primitive root of 23: 5
Enter value for x less than 23: 6
R1 = 8
Enter value for y less than 23: 15
R2 = 19
Key calculated at Sender's side: 2
Key calculated at Receiver's side: 2
Diffie-Hellman secret key was calculated.
```

```
C:\Engineering Third Year\Semester 6\Cryptography and Network Security\2211cs010547\Week-7>java DiffieHellman
Enter prime number: 29
Enter primitive root of 29: 2
Enter value for x less than 29: 10
R1 = 9
Enter value for y less than 29: 18
R2 = 13
Key calculated at Sender's side: 7
Key calculated at Receiver's side: 7
Diffie-Hellman secret key was calculated.
```