

Output of ECC

Server:

```
=====Server Side(ALICE)=====
waiting for connection on port 8088
Accepted connection from /127.0.0.1:40354
Alice:
Public key = [130 ,160]
Private key: 10
Bob's Public key = [156 ,192]
Secret key [1560 ,1920]
Input MSG:
Message: [45 ,46]
CT1 = [20280 ,30720]
CT2 = [243405 ,368686]
```

Client:

```
====Client Side====(BOB)
Connected to /127.0.0.1:8088
Bob:
Public key = [156 ,192]
Private key: 12
Alice's Public key = [130 ,160]
Secret key [1560 ,1920]
Secret keys are same then we can perform encryption and decryption
Received
CT1 = [20280 ,30720]
CT2 = [243405 ,368686]
Decrypted PT: [45 ,46]
```