**Code:**

Code for Encryption

x=input("please enter string for encryption:")

def encrypt(x,v):

    result=""

    for i in x:

        if (i.isupper()):

            result+=chr((ord(i)+v-65)%26+65)

        elif(i.islower()):

            result+=chr((ord(i)+v-97)%26+97)

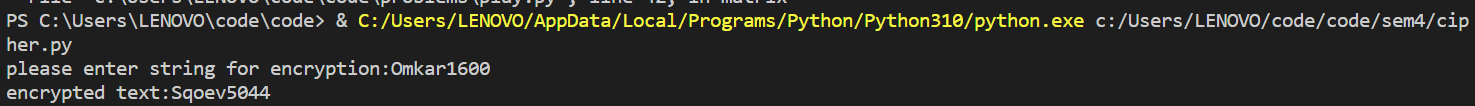
        else:

            result+=chr((ord(i)+v-48)%10+48)

    return print(f"encrypted text:{result}")

encrypt(x,4)

**Output:**

****

Code for decryption

x=input("please enter string for decryption: ")

def decrypt(x,v):

    result=""

    for i in x:

        if (i.isupper()):

            result+=chr((ord(i)-v-65)%26+65)

        elif(i.islower()):

            result+=chr((ord(i)-v-97)%26+97)

        else:

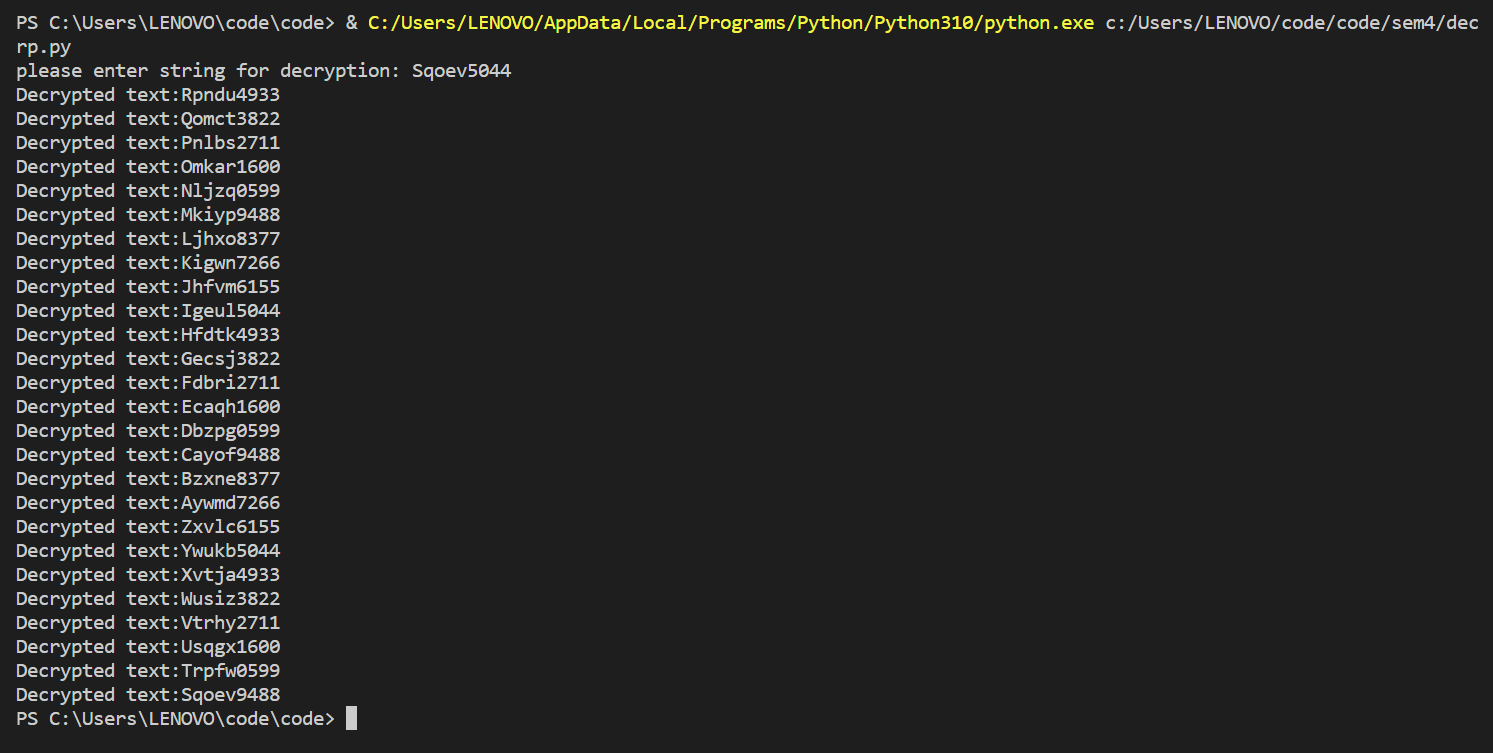
            result+=chr((ord(i)-v-48)%10+48)

return print(f"Decrypted text:{result}")

for i in range (1,27):

    decrypt(x,i)

**Output:**

****