In [2]:

```
def encrypt_txt():

    #enter your encrypted message(string) below
    msg = input("Enter the message to be encrypted: ").strip()

    letters="abcdefghijklmnopqrstuvwxyz"

    #enter the key value to decrypt
    k = int(input("Enter the encryption key (k value): "))
    encrypted_message = ""

    for ch in msg:
        if ch in letters:
            position = letters.find(ch)
            posnew = (position + k) % 26
            chnew = letters[posnew]
            encrypted_message += chnew
        else:
            encrypted_message += ch
    print("The encrypted message is:\n")
    print(encrypted_message)

encrypt_txt()
```

```
Your decrypted message is:

Hszzc
```

In [3]:

```
def decrypt():

    #enter your encrypted message(string) below
    encrypted_message = input("Enter the message i.e to be decrypted: ").strip()

    letters="abcdefghijklmnopqrstuvwxyz"

    #enter the key value to decrypt
    k = int(input("Enter the key to decrypt: "))
    decrypted_message = ""

    for ch in encrypted_message:

        if ch in letters:
            position = letters.find(ch)
            posnew = (position - k) % 26
            new_char = letters[posnew]
            decrypted_message += new_char
        else:
            decrypted_message += ch
    print("Your decrypted message is:\n")
    print(decrypted_message)

decrypt()
```

```
Your decrypted message is:

Hello
```