**Caesar Cipher**

**CODE:**

message = input('Enter Your Messsage: ')

key = int(input("Enter Your Key: "))

mode = input('You wnt to encrypt or decrypt: ')

LETTERS = 'ABCDEFGHIJKLMNOPQRSTUVWXYZ'

translated = ''

message = message.upper()

for symbol in message:

if symbol in LETTERS:

num = LETTERS.find(symbol)

if mode == 'encrypt':

num = num + key

elif mode == 'decrypt':

num = num - key

if num >= len(LETTERS):

num = num - len(LETTERS)

elif num < 0:

num = num + len(LETTERS)

translated = translated + LETTERS[num]

else:

translated = translated + symbol

print(translated)

**ENCRYPT:**

Enter Your Messsage: how are you

Enter Your Key: 5

You wnt to encrypt or decrypt: encrypt

MTB FWJ DTZ

**DECRYPT:**

Enter Your Messsage: MTB FWJ DTZ

Enter Your Key: 5

You wnt to encrypt or decrypt: decrypt

HOW ARE YOU