**TASK 01**

def encrypt(text, shift):

result = ""

for char in text:

if char.isalpha():

base = ord('A') if char.isupper() else ord('a')

result += chr((ord(char) - base + shift) % 26 + base)

else:

result += char

return result

def decrypt(text, shift):

return encrypt(text, -shift)

# User input

message = input("Enter the message: ")

shift = int(input("Enter the shift value: "))

# Encryption

encrypted\_text = encrypt(message, shift)

print("Encrypted message:", encrypted\_text)

# Decryption

decrypted\_text = decrypt(encrypted\_text, shift)

print("Decrypted message:", decrypted\_text)

