In [2]:

```python
# function for Encryption algorithm

def encrpyt_message(text, step):
    encrypted_string = "" # empty string intially

    for char in text:
        if not char.isalpha(): # check for space, number or special character
            encrypted_string += char
        elif char.isupper(): # test for uppercase
            encrypted_string += chr((((ord(char) + step) -65) % 26) + 65)
        else: # formulae for lowercase
            encrypted_string += chr((((ord(char) + step) -97) % 26) + 97)

    return encrypted_string

# function for Decryption algorithm.  This function will decrypt the encrypted functior
# .. its like undoing the previous process to get the original message.

def decrypt_message(text, step):
    decrypted_str = "" # empty string intially

    for char in text:
        if not char.isalpha():
            decrypted_str += char
        elif char.isupper():
            decrypted_str += chr((((ord(char) - step) -65) % 26) + 65) # only the step
        else:
            decrypted_str += chr((((ord(char) - step) -97) % 26) + 97) # only the step

    return decrypted_str

# Interactive program.

message = input("Please enter the message: ")
step = int(input("Now enter the steps in integeral values: ")) # it should be integer

print()
# call the encrypt function.
encrpyted_message = encrpyt_message(message, step)
print("The encrypted message is: ", encrpyted_message)

print()
# call the dencrypt function.
dencrpyted_message = decrypt_message(encrpyted_message, step)
print("The original or dencrypted message is: ", dencrpyted_message)

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Please enter the message: Hello! Lets check the encryption message!
Now enter the steps in integeral values: 2

The encrypted message is:  Jgnnq! Ngvu ejgem vjg gpetarvkqp oguucig!

The original or dencrypted message is:  Hello! Lets check the encryption mes
sage!
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In [ ]:

```python

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