Practical.no - 1

Title - Build the program where user-entered text is encrypted using
Caeser Cipher Algorithm.

```
letters = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l',
'm', 'n',
'o', 'p', 'q', 'r', 's', 't', 'u', 'v','w', 'x', 'y', 'z']
playing = ''
final = ''
org = ''
def encrypt(str, n):
    result = []
    for x in str:
        if x == '':
            converted = ''
            result.append(converted)
        else:
            converted = (letters.index(x) + n) % 26
            result.append(letters[converted])
    final = ''.join(result)
    print(final)
    return final
def decrypt(str, n):
    back = []
    for x in str:
        if x == '':
            original = ''
            back.append(original)
        else:
            original = (letters.index(x) - n) % 26
            back.append(letters[original])
    org = ''.join(back)
    print(org)
str_input = input("Enter the string to be encrypted: ")
n = int(input("Enter the key: "))
final = encrypt(str_input, n)
print("Let's decrypt the text")
decrypt(final, n)
```

Output :

```
Enter The String To Be Encrypted : government college
Enter the Key : 11
r z g p c y x p y e n z w w p r p
Let's Decrypt The Text
g o v e r n m e n t c o l l e g e
```