(4)

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Q5 Ans

```
// Ceaser cipher Encryption
def encrypt(string, shift):
    cipher = ""
    for char in string:
        if char == " ":
            cipher = cipher + char
        elif char.isupper():
            cipher = cipher + chr((ord(char) + shift - 65) % 26 + 65)
        else:
            cipher = cipher + chr((ord(char) + shift - 97) % 26 + 97)
    return cipher
# text = input("Enter Attack from North")
text = input("Enter string:")
s = int(input("enter shift no"))
print("Original string:", text)
print("after Encryption:", encrypt(text, s))

// Ceaser Cipher Decryption
def encrypt(string, shift):
    cipher = ""
    for char in string:
        if char == " ":
            cipher = cipher + char
        elif char.isupper():
            cipher = cipher + chr((ord(char) - shift - 65) % 26 + 65)
        else:
            cipher = cipher + chr((ord(char) - shift - 97) % 26 + 97)
```

(5)

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```
def caesar_cipher
    text = input("enter string:")
    s = int(input("enter shift number:"))
    print("Original string:", text)
    print("after encryption:", encrypt(text, s))
```