Name - Abhishek Verma Roll No - 04

Course - BCA Section - A Semester - 6

University Roll No - 1121004 Subject - Info. Security.

Q5.- Write a program to implement encryption and decryption using Ceaser Cipher on the input plain text = "Attack from North".

```
def encrypt (text, s):
result = ""
for i in range (len (text)):
    char = text [i]
    if (char . is upper ()):
        result + = chr ((ord (char) + s - 65) %. 26 + 65)
    else :
        result + = chr ((ord (char) + s - 97) %. 26 + 97)
return result
text = "Attack from North"
s = 3
print ("text :" + text)
print (" shift :" + str(s))
print (" Cipher :" + encrypt (text, s))
def decrypt (text, s):
result = ""
for i in range (len (text)):
    char = text [i]
    if (char . is upper ()):
        result + = chr ((ord (char) - s - 65) %. 26 + 65)
    else :
        result + = chr ((ord (char) - s - 97) %. 26 + 65)
return result
text = "Attack from North"
s = 3
print ("text :" + text)
print (" shift : "+ str(s))
print ("Cipher :" + encrypt (text, s))
```

Output - Attack from North.

Dwwdfn iurp Qrwk

Abhishek Verma