

NAME - GAURAV BSSHT

COURSE - BCA

SEM - 6

SECTION - A

SUBJECT - INFORMATION SECURITY

SUBJECT CODE - PBC 601

Q5

```
def encrypt (text, s):  
    result = ""  
    for i in range (len(text))  
        char = text[i]  
        if (char.isupper()):  
            result += chr((ord(char) + s - 65)  
                           % 26 + 65)  
        elif (char == ' '):  
            result = result + ' '  
        else:  
            result += chr((ord(char) + s - 97) % 26  
                           + 97)  
  
    return result
```

s = 3

Text = "Attack from North"

print ("Encrypted Text : " + encrypt (text, s))

print ("Decrypted Text : " + encrypt (encrypt (text, s), 26-s))

Output

Encrypted Text: Dwwdfrn jwrh Qwwrk

Decrypted Text : Attack from North