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Course - BCA 'A'

Roll No. : 169121018

Subject : Info. Security & Cyber Laws (PB(-601))

Sem - : Vth

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Q-5 Ans : Encryption using Caesar Cipher :

```
def encrypt (String):
```

```
    cipher = ""
```

```
    for char in String:
```

```
        if char == ' ':
```

```
            cipher = cipher + char
```

```
        elif char.isupper():
```

```
            cipher = cipher + char ((ord(char) +  
                                     3 - 65) % 26 + 65)
```

```
        else:
```

```
            cipher = cipher + char ((ord(char) +  
                                     3 - 97) % 26 + 97)
```

```
    return cipher
```

```
text = "Attack from North"
```

```
print ("after encryption : ", encrypt(text))
```

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decryption using caesar cipher:

```
def decrypt (string):
```

```
    plain = ""
```

```
    for char in string:
```

```
        if char == ' ':
```

```
            plain = plain + char
```

```
        elif char.isupper():
```

```
            plain = plain + chr((ord(char) - 3 - 65) % 26 + 65)
```

```
        else:
```

```
            plain = plain + chr((ord(char) - 3 - 97) % 26 + 97)
```

```
    return plain
```

```
text = " " "
```

```
print (" after decryption: ", decrypt(text))
```