

NAME - RANI BISHT

SEC - B

SEM - 6 COURSE - BCA

SUBJECT - INFORMATION SECURITY

ROLL NO - 27

UNIVERSITY ROLL NO - 1121108

FATHER'S NAME - SANJAY KUMAR

PAPER CODE - PBC601

~~Handwritten signature~~

85%

```
print("PERFORMING ENCRYPTION")
```

```
def encrypt(text, s):
```

```
    result = ""
```

```
    for i in range(len(text)):
```

```
        char = text[i]
```

```
        if (char.isupper()):
```

```
            result = result + chr((ord(char) + s - 65) % 26 + 65)
```

```
        else:
```

```
            result = result + chr((ord(char) + s - 97) % 26 + 97)
```

```
    return result
```

```
text = "SECRET" "ATTACK FROM NORTH"
```

```
s = 8
```

```
print("Plain text", text)
```

```
print("Encrypted text", encrypt(text, s))
```

Amr


```
print("PERFORMING DECRYPTION:")
```

```
def decrypt(text, s):
```

```
    result = ""
```

```
    for i in range(len(text)):
```

```
        char = text[i]
```

```
        if (char.isupper()):
```

```
            result = result + chr((ord(char) - s - 65) % 26 + 65)
```

```
        else:
```

```
            result = result + chr((ord(char) - s - 65) % 26 + 65)
```

```
    return result
```

```
text = encrypt(text, s)
```

```
s = 8
```

```
print("Decrypted :", decrypt(text, s))
```

slow