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course - BCA 'A'

Roll - 1121040

Q5 Encryption using caesar cipher.

```
def encrypt (string):
```

```
    cipher = ""
```

```
    for char in string:
```

```
        if char == " ":
```

```
            cipher = cipher + char
```

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

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

```
        else:
```

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

```
    return cipher
```

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

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

description

```
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 = "

1)

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