

NAME → Anuj Dhasmana

Father's name → Devendra Dhasmana

Course → BCA

Roll no → 1121021

Section → A

Q5-

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))
```

NAME → Anuj Dhasmana

Father's name → Devendra dhasmana

Course → BCA

Roll no → 1121021

Section → A

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))
```