

### Ques3. Implement caesar cipher substitution operation.

Ans

# CSC/20/50 Bharat Sharma Univ\_Roll\_NO:-20059570040 ===== Implement caesar cipher substitution operation

```
def encryptnow(plaintext,n):
```

```
    result = ""
```

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

```
        ch = plaintext[i]
```

```
        if ch==" ":
```

```
            result+=" "
```

```
        elif (ch.isupper()):
```

```
            result += chr((ord(ch) + n-65) % 26 + 65)
```

```
        else:
```

```
            result += chr((ord(ch) + n-97) % 26 + 97)
```

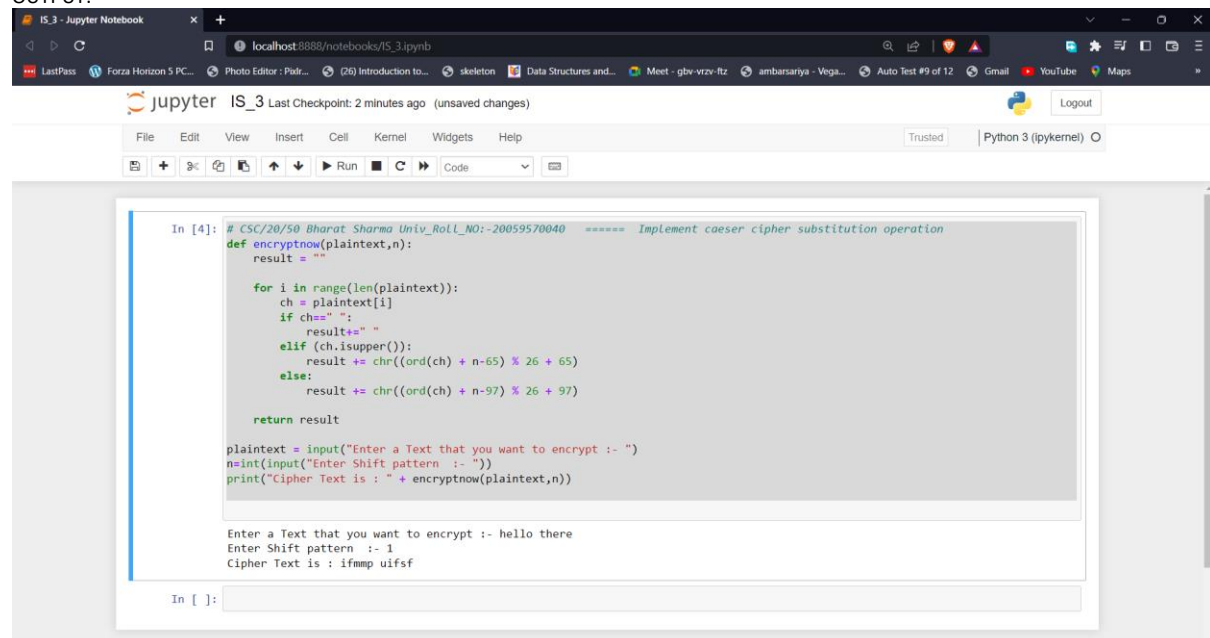
```
    return result
```

```
plaintext = input("Enter a Text that you want to encrypt :- ")
```

```
n=int(input("Enter Shift pattern :- "))
```

```
print("Cipher Text is : " + encryptnow(plaintext,n))
```

OUTPUT:-



```
In [4]: # CSC/20/50 Bharat Sharma Univ_Roll_NO:-20059570040 ===== Implement caesar cipher substitution operation
def encryptnow(plaintext,n):
    result = ""

    for i in range(len(plaintext)):
        ch = plaintext[i]
        if ch==" ":
            result+=" "
        elif (ch.isupper()):
            result += chr((ord(ch) + n-65) % 26 + 65)
        else:
            result += chr((ord(ch) + n-97) % 26 + 97)

    return result

plaintext = input("Enter a Text that you want to encrypt :- ")
n=int(input("Enter Shift pattern :- "))
print("Cipher Text is : " + encryptnow(plaintext,n))

Enter a Text that you want to encrypt :- hello there
Enter Shift pattern :- 1
Cipher Text is : ifmmp uifsf

In [ ]:
```