

exp.14.py - C:/Users/khusi/Documents/cryptography/exp.14.py (3.11.2)

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```
pt=et(input("ENTER THE PLAIN TEXT : "))
cipher=""
letter="abcdefghijklmnopqrstuvwxyz"
common=max(set(pt),key=pt.count)
print("COMMON LETTER : "+common)
if common in letter:
    com=letter.find(common)
    key=com-6
    if (key<0):
        key=26-key
    for i in pt:
        if i in letter:
            pos=letter.find(i)
            new_pos=(pos+key)%26
            new_char=letter[new_pos]
            cipher+=new_char
print("CIPHER TEXT : "+cipher)
```

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IDLE Shell 3.11.2

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Python 3.11.2 (tags/v3.11.2:878ead1, Feb 7 2023, 16:38:35) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>> ===== RESTART: C:/Users/khusi/Documents/cryptography/exp.14.py =====
ENTER THE PLAIN TEXT : meet
COMMON LETTER : e
CIPHER TEXT : oggv
>>>
```