

PROGRAM:

```
import string
s1= string.ascii_lowercase
s2= string.ascii_uppercase
s3= "
s4=string.whitespace
text=str(input("enter the string:"))
k=int(input("enter the key:"))
```

```
for l in text:
    if ( l in s1):
        a=text.index(l)
        loc=a+k %26
        #print(loc)
        s3+=s1[loc]
    elif(l in s2):
        a=text.index(l)
        loc=a+k %26
        s3+=s2[loc]
    elif (l in s4):
        a=s4.index(l)
        s3+=s4[a]
```

```
s3=s3.upper()
```

```
print("cipher text is;",s3)
```

Output:

```
gopheramit@pop-os:~/Documents/College-sfuff/is_prac$ /usr/bin/env /usr/bin/python3  
/home/gopheramit/.vscode/extensions/ms-python.python-  
2020.10.332292344/pythonFiles/lib/python/debugpy/launcher 40863 --  
/home/gopheramit/Documents/College-sfuff/is_prac/ceasr.py
```

```
enter the string:amit agrawal
```

```
enter the key:2
```

```
cipher text is; CDEF CIJCLCN
```