OOPS Lab Internal-2

MAREPALLY SAITEJA , 160120733167.

1.AIM: **Program to Create text file which contains all your friends names, display the count of each alphabet present in file.**
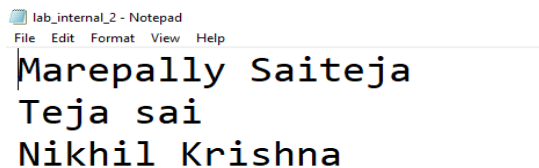
DESCRIPTION:

In this program we will first create a file named lab_internal_2 and I included some names in the file. Then I read the data from the file and crated a function named count_letters. In that function I created the logic of counting all the letters of one name. Like wise it will count the no.of letters present in each name and return in the form of dictionary.

CODE:

```python
f=open("lab_internal_2.txt","w")
f.write("Marepally Saiteja\nTeja sai\nNikhil Krishna")
f.close()
def count_letters(text):
    result={}
    for letter in text:
        if letter not in result:
            result[letter]=0
        result[letter]+=1
    return result

f=open("lab_internal_2.txt",'r')
for i in f:
    s=i[:len(i)+1]
    print(s,':',count_letters(s))
f.close()
```
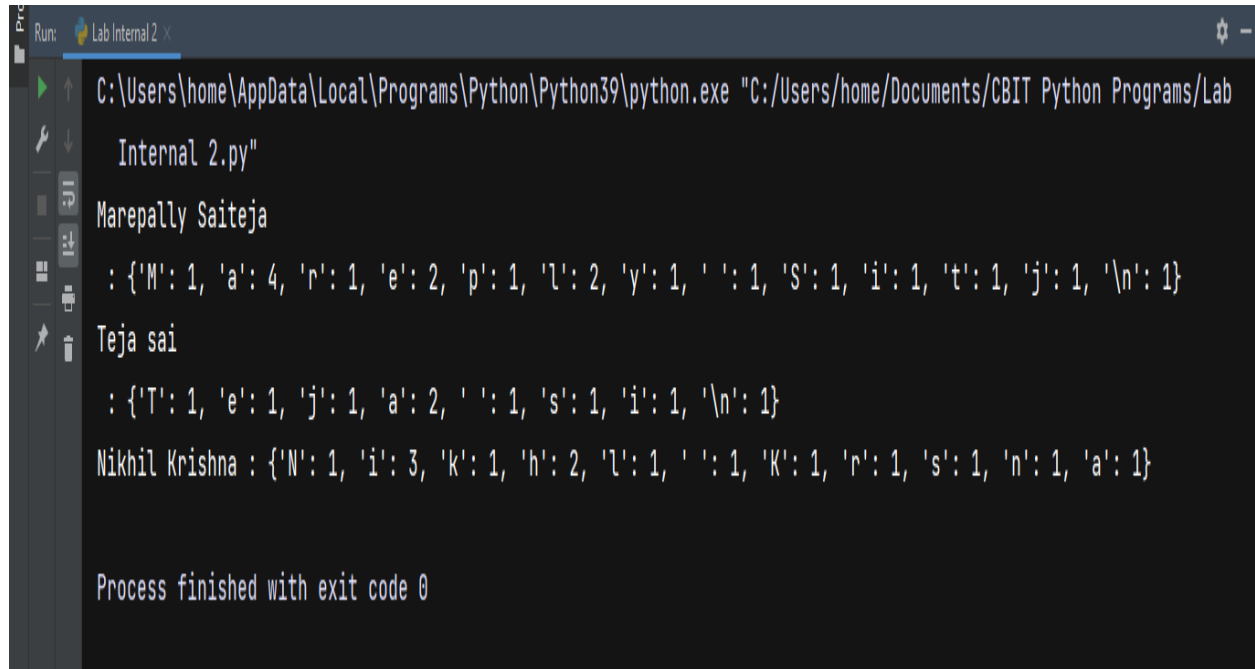
FILE USED:

lab_internal_2 - Notepad

File   Edit   Format   View   Help

```
Marepally Saiteja
Teja sai
Nikhil Krishna
```

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RESULT:

```
Run:    Lab Internal 2 ×

C:\Users\home\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/home/Documents/CBIT Python Programs/Lab
    Internal 2.py"
Marepally Saiteja
 : {'M': 1, 'a': 4, 'r': 1, 'e': 2, 'p': 1, 'l': 2, 'y': 1, ' ': 1, 'S': 1, 'i': 1, 't': 1, 'j': 1, '\n': 1}
Teja sai
 : {'T': 1, 'e': 1, 'j': 1, 'a': 2, ' ': 1, 's': 1, 'i': 1, '\n': 1}
Nikhil Krishna : {'N': 1, 'i': 3, 'k': 1, 'h': 2, 'l': 1, ' ': 1, 'K': 1, 'r': 1, 's': 1, 'n': 1, 'a': 1}


Process finished with exit code 0
```