

Netaji Subhash Engineering College
Department of Computer Science & Engineering
B. Tech CSE 2nd Year 3rd Semester
2021-2022

Name of the Course: IT Workshop

Course Code: PCC-CS393

Name of the Student:

Class Roll No.:

University Roll No.:

Date of Experiment:

Date of Submission:

• **Assignment No.:**

Problem Statement:

33. Write a program to count the number of lines in a text file.

Sample Test	Input	Output
Test Case 1	test1.txt	Number of lines in the file :5
Test Case 2	test2.txt	Number of lines in the file :8

Python Code:

 pexam.py - C:/Users/SHUBHRADEEP MAITY/OneDrive/Documents/exam/pexam.py (3.9.7)

File Edit Format Run Options Window Help

```
# Python program to count the  
# number of lines in a text file
```

```
# Opening a file
```

```
file = open("test1.txt", "r")  
Counter = 0
```

```
# Reading from file
```

```
Content = file.read()  
CoList = Content.split("\n")
```

```
for i in CoList:  
    if i:  
        Counter += 1
```

```
print("This is the number of lines in the file")  
print(Counter)
```

Sample Output(s):

File Edit Shell Debug Options Window Help

Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>


==== RESTART: C:/Users/SHUBHRADEEP MAITY/OneDrive/Documents/exam/pexam.py =====

This is the number of lines in the file

5

>>>

TEXT File

 test1.txt - Notepad

File Edit Format View Help

```
yiio  
ghjkl  
hjkjklj  
fgfgj  
esfdgrf
```

Python Code:

pexam.py - C:/Users/SHUBHRADEEP MAITY/OneDrive/Documents/exam/pexam.py (3.9.7)

File Edit Format Run Options Window Help

```
# Python program to count the
# number of lines in a text file

# Opening a file
file = open("test2.txt","r")
Counter = 0

# Reading from file
Content = file.read()
CoList = Content.split("\n")

for i in CoList:
    if i:
        Counter += 1

print("This is the number of lines in the file")
print(Counter)
```

Sample Output(s):

IDLE Shell 3.9.7

File Edit Shell Debug Options Window Help

Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:/Users/SHUBHRADEEP MAITY/OneDrive/Documents/exam/pexam.py =====

This is the number of lines in the file

8

>>>

TEXT File

test2.txt - Notepad

File Edit Format View Help

ityui

yui

g

h

esrtf

fgh

gfhj

vbnm