

# Netaji Subhash Engineering College

Department of Computer Science & Engineering

B. Tech CSE 2nd Year 3rd Semester

2021-2022

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**Name of the Course :** IT Workshop

**Course Code :** PCC-CS393

**Name of the Student :** SHUBHRADEEP MAITY

**Class Roll No :** 14

**University Roll No :** 10900120014

**Date of Experiment :** 10-01-2022

**Date of Submission :** 10-01-2022

• **PROBLEM No.: 33**

**Problem Statement:**

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

Sample Tesst	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

>>>

### 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
>>>
```