

# command-line-arguments-to-count-word

## › **AIM:**

To write a python program for getting the word count from the contents of a file using command line arguments.

## › **EQUIPEMENT'S REQUIRED:**

PC Anaconda - Python 3.7

## › **ALGORITHM:**

### › **Step 1:**

Import sys module to use command line arguments.

### › **Step 2:**

Use the open() by getting the file name with "sys.argv[1]" which means the first index of given argument

### › **Step 3:**

Iterate the content of the file using for loop.

### › **Step 4:**

Split the contents into each line using .split() function.

### › **Step 5:**

Iterate the list of lines and increment the value of variable (word) each time.

### › **Step 6:**

Run the program by giving "python prgm.py EX12.txt" on the terminal.

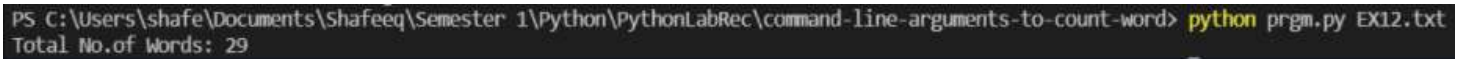
### › **Step 7:**

End of the Program.

## PROGRAM:

```
#Program to count the no.of lines in a file using command line arguments. #Developed by: virgil  
jovita.a #RegisterNumber: 21500600 import sys fp = open(sys.argv[1]) words = 0 for data in fp:  
lines=data.split() for line in lines: words += 1 print("Total No.of Words:",words)
```

## OUTPUT:



```
PS C:\Users\shafe\Documents\Shafeeq\Semester 1\Python\PythonLabRec\command-line-arguments-to-count-word> python prgm.py EX12.txt  
Total No.of Words: 29
```

## RESULT:

Thus the program is written to find the word count from the contents of a file using command line arguments.