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 os

› Step 2:

Open file using open().

› Step 3:

Use for loop

› Step 4:

Use len to count number of words.

› Step 5:
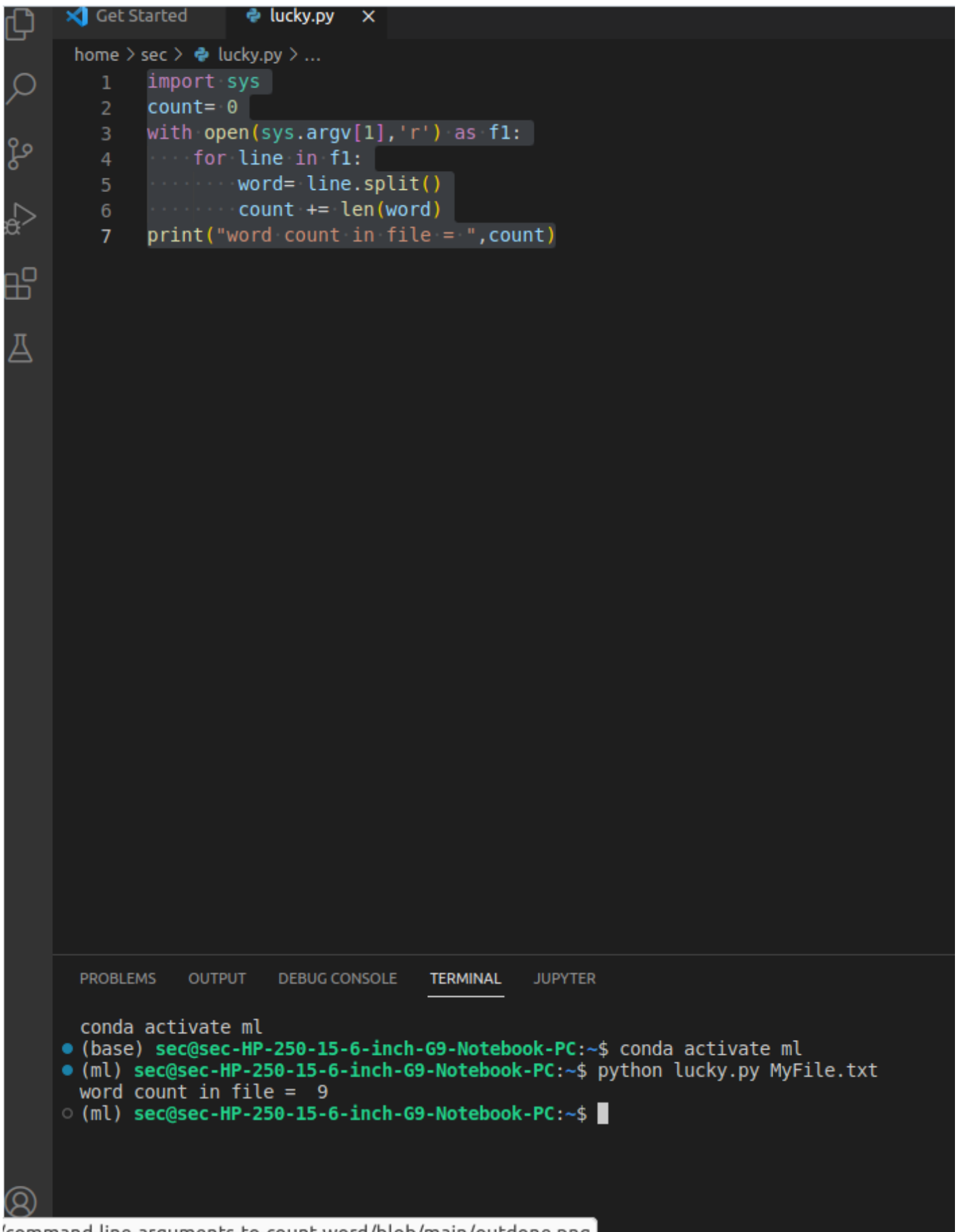
Give print.

› Step 6:

End of the program

› PROGRAM:

```
#Developed by:Ashwin Kumar.S
#Reference number:22000974
```

```
import sys
count= 0
with open(sys.argv[1],'r') as f1:
    for line in f1:
        word= line.split()
        count += len(word)
print("word count in file = ",count)
```

ʼOUTPUT:

```python
import sys
count= 0
with open(sys.argv[1],'r') as f1:
    for line in f1:
        word= line.split()
        count += len(word)
print("word count in file = ",count)
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   JUPYTER

```
conda activate ml
(base) sec@sec-HP-250-15-6-inch-G9-Notebook-PC:~$ conda activate ml
(ml) sec@sec-HP-250-15-6-inch-G9-Notebook-PC:~$ python lucky.py MyFile.txt
word count in file =  9
(ml) sec@sec-HP-250-15-6-inch-G9-Notebook-PC:~$ █
```

command-line-arguments-to-count-word/blob/main/outdone.png

RESULT:

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