



Programs

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word count

```
import sys
num_lines=0
num_words=0
num_chars=0
with open(sys.argv[0],'r') as f:
    for line in f:
        words =line.split()
        num_lines+=1
        num_words+=len(words)
        num_chars += len(line)
print("number of lines",num_lines,"number of words",num_words,"no of
chars",num_chars)
```

OUTPUT:

number of lines 11 number of words 27 no of chars 301



Counting most frequent words in file



```
import re
import string
frequency = {}
document_text = open('test.txt', 'r')
text_string = document_text.read().lower()
match_pattern = re.findall(r'\b[a-z]{3,15}\b', text_string)
for word in match_pattern:
    count = frequency.get(word,0)
    frequency[word] = count + 1
frequency_list = frequency.keys()
for words in frequency_list:
    print (words, frequency[words])
```

OUTPUT:

and 3

all 1

code 5

methods 1

variables 1

dynamic 1

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Copy file

```
with open("file1.txt","rb")as file1:  
    with open("file2.txt","wb")as file2:  
        buf=file1.read()  
        file2.write(buf)  
print("file copied")
```

OUTPUT

File copied



Thank You