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Experiment 3

a. Python program to append data to existing file and then display the entire file

```
file = open('demo.txt','w')
file.write("This is the write command")
file.write("\n It allows us to write in a particular file")
file.close()
```

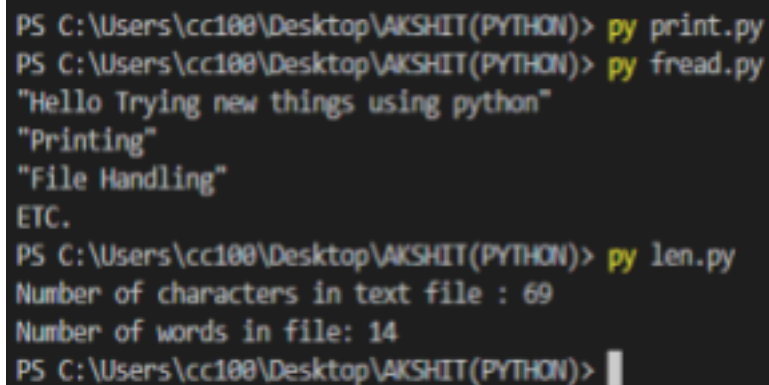
b. Python program to count the number of lines, words and characters in a file. `file = open("demo.txt", "rt")`

```
data = file.read()
number_of_characters = len(data)
words = data.split()
print('Number of characters in text file :', number_of_characters)
print('Number of words in file:', len(words))
```

c. Python program to display file available in current directory

```
f = open("C:/Users/cc100/Desktop/AKSHIT(PYTHON)/demofile.txt", "r")
print(f.read())
```

OUTPUT:



```
PS C:\Users\cc100\Desktop\AKSHIT(PYTHON)> py print.py
PS C:\Users\cc100\Desktop\AKSHIT(PYTHON)> py fread.py
"Hello Trying new things using python"
"Printing"
"File Handling"
ETC.
PS C:\Users\cc100\Desktop\AKSHIT(PYTHON)> py len.py
Number of characters in text file : 69
Number of words in file: 14
PS C:\Users\cc100\Desktop\AKSHIT(PYTHON)> |
```