

Script started on 2023-10-31 11:13:58-05:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="233" LINES="77"]
[?2004h(base)]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m\$ cat -n Average.py
[?2004l

```
1 #Tyler Sabin
2 #October 31, 2023
3 #Section 006
4 #Was not in class due to being sick, but still read through and completed the lab
5 #If credit is not given, that is fine, but I wanted to at least attempt and submit the lab
6
7 def main():
8     numFile = open('numbers.txt','r')
9
10    #Read the lines within the file
11    file_nums = numFile.readline()
12
13    #Set variables for the total of the nums, and the number of lines
14    total = 0
15    numLines = 0
16
17    #When the line is not blank, stay within the while loop to calculate the num of lines and total
18    while file_nums != "":
19        numLines += 1
20        nums = int(file_nums)
21        total += nums
22        file_nums = numFile.readline()
23
24    #Calculate the average and close the file
25    averageNum = total / numLines
26    numFile.close()
27
28    #Print out the average from the stored memory
29    print(f'{averageNum:.2f}')
30
31 #Call the main function
32 main()
```

Average.py

[?2004l
71.67
[?2004h(base)]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m\$ exit
[?2004l
exit

Script done on 2023-10-31 11:14:21-05:00 [COMMAND_EXIT_CODE="0"]