

Script started on 2023-11-09 11:22:13-06:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="188" LINES="54"]  
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m\$ cat -n Steps2.py  
[?2004l

```
1 #Tyler Sabin
2 #Section 006
3 #November 9, 2023
4 try:
5     file = open('steps.txt','r')
6 except IOError:
7     print("File had issues opening, or reading the file")
8
9 def main():
10     try:
11         print(f'The average steps taken in January was {calc(file,31):.1f}')
12         print(f'The average steps taken in February was {calc(file,28):.1f}')
13         print(f'The average steps taken in March was {calc(file,31):.1f}')
14         print(f'The average steps taken in April was {calc(file,30):.1f}')
15         print(f'The average steps taken in May was {calc(file,31):.1f}')
16         print(f'The average steps taken in June was {calc(file,30):.1f}')
17         print(f'The average steps taken in July was {calc(file,31):.1f}')
18         print(f'The average steps taken in August was {calc(file,31):.1f}')
19         print(f'The average steps taken in September was {calc(file,30):.1f}')
20         print(f'The average steps taken in October was {calc(file,31):.1f}')
21         print(f'The average steps taken in November was {calc(file,30):.1f}')
22         print(f'The average steps taken in December was {calc(file,31):.1f}')
23     except ValueError:
24         print("Issue occurred with the file's numeric contents")
25         file.close()
26
27 def calc(file,days):
28     sum = 0
29     count = 0
30     for i in range(days):
31         line = file.readline()
32         steps = int(line)
33         sum += steps
34         count += 1
35         average = (sum / count)
36     return average
37
38 main()[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10
```

Steps2.py

[?2004l  
The average steps taken in January was 5246.1  
The average steps taken in February was 4851.9  
The average steps taken in March was 5777.6  
The average steps taken in April was 5802.1  
The average steps taken in May was 4711.5  
The average steps taken in June was 4792.3  
The average steps taken in July was 5638.2  
The average steps taken in August was 5759.6  
The average steps taken in September was 6114.6  
The average steps taken in October was 5411.0  
The average steps taken in November was 4268.8  
The average steps taken in December was 5138.1  
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m\$ exit  
[?2004l  
exit

Script done on 2023-11-09 11:22:31-06:00 [COMMAND\_EXIT\_CODE="0"]