

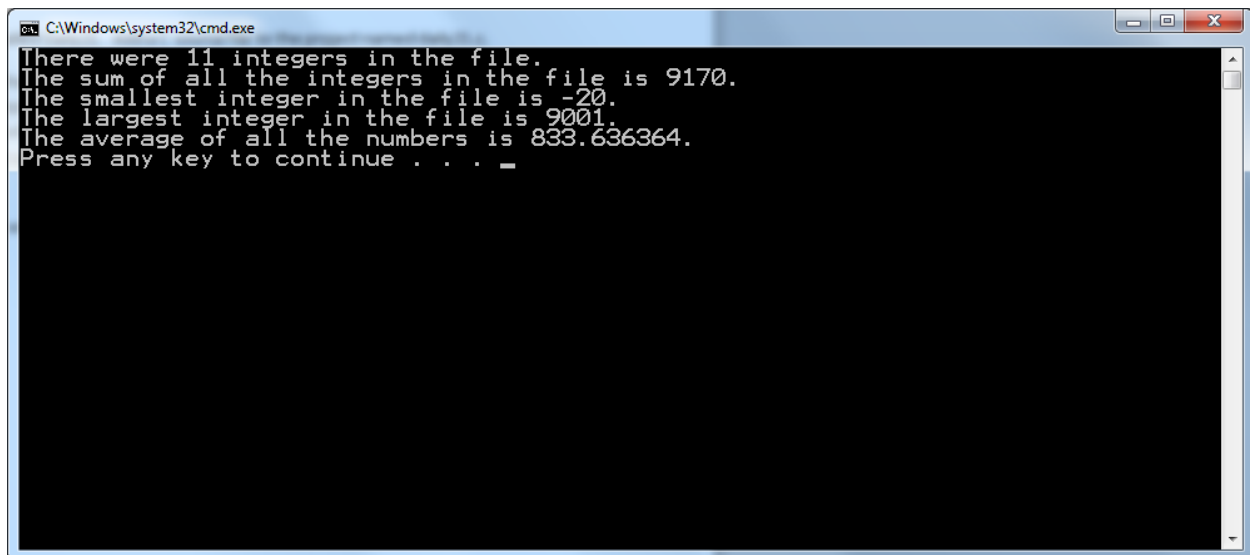
Create a project called Daily21. Add a C source file to the project named daily21.c.

Write a program that opens a text file called numbers.txt for reading. The file contains a sequence of integers all separated by new lines. Your program should read all of the numbers in the file and output the following information: A count of the number of integers read. The sum of all the integers in the file. The smallest integer in the file. The largest integer in the file. The average of all the numbers.

I ran the program with the following input file.

```
7
4
3
5
-20
1
9
87
32
41
9001
```

Your program output should look something like the following:



```
C:\Windows\system32\cmd.exe
There were 11 integers in the file.
The sum of all the integers in the file is 9170.
The smallest integer in the file is -20.
The largest integer in the file is 9001.
The average of all the numbers is 833.636364.
Press any key to continue . . . _
```

At the top of your program you should have a comment section that follows the below format:

```
/*****  
    Author: <insert your name>  
    Date: 11/3/2014  
  
    Purpose: <Insert a short description of what  
             your program does here.>  
    Time Spent: <Insert how much time you spent  
               on the assignment here>  
*****/
```