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Activity: read numbers from a file

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Taskgrader (External resource) (1.0 / 1.0 points)

Problem statement	Hints	Submission	Solution
<p>You are teaching a class on C-programming! You would like to find out whether your teaching has been effective, and so you need to compute the average grade your students have received on the most recent assignment. These grades (integers) are stored in the file studentGrades.txt.</p> <p>The first entry in the file (an integer) is the number of student grades that are stored in the file. For example, if the file was as follows:</p> <div><pre>9 56 3 8 11 0 45 55 2 78</pre></div> <p>this would mean that there are 9 grades stored in the file (starting with 56 and ending with 78).</p> <p>Your job is to calculate and print out the average of the grades stored in the file. Please print the average grade with two decimal places.</p> <p>Things to consider:</p> <p>To test your program you need to create your own file "studentGrades.txt" with grades stored as described. In weblinux you can do so by first typing "touch studentGrades.txt" at the command prompt and then opening, editing and saving the file studentGrades.txt in the file editor. When you submit your program to taskgrader we will provide an input file for testing purposes. It is thus crucially important that the file from which you are reading in your program is indeed named "studentGrades.txt".</p>			

Examples

Input file "studentGrades.txt":

```
4
100 99 90 98
```

Output:

```
96.75
```

Input file "studentGrades.txt":

```
2
100 50
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