

ENGINEER 1D04
Engineering Computation
McMaster University, Winter 2010

Lab 9 Marked Assignment 4 Solution
Tuesday Lab

Revised: 19 March 2010

Correctness

Using the test file `L9TestFile.txt`, the `Read Input File` should display the contents of the file in a message as

```
5.6
3.56
1.12
-.56
.56
-2.3
-12.9
12.0
16.8
-21.8
-21.8
0.0
0.0
2.56
8.98
11.8
-6.78
-5.5
-14.5
5.6
3.56
-.4
```

and the `Calculate` button should display -0.6545454 in the output label box.

Design Question

When the `Calculate` button is clicked before the `Read Input File` button, your program should say, in a message box, that no input file has been read.

Testing Question

The following are examples of what could be considered a boundary point of the input space:

- A file holding exactly one entry.
- A file holding exactly 1000 entries.
- A file all of whose entries are identical.