

**ENGINEER 1D04**  
**Engineering Computation**  
**McMaster University, Winter 2010**

**Lab 9 Marked Assignment 4 Solution**  
**Friday 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 97.79231 in the output label box.

**Design Question**

The user can visually see the contents of the input file and may notice when the input file is not the intended input file.

### Testing Question

Yes, the test cases should be chosen to test all aspects of your program including the correctness of the `calculate` method.