

Grading Rubric for Lab 2 (5 pts. Total):

1. The tarball contains “stddev.h,” “stddev.cpp,” and “main.cpp” (1 pt.)
2. Each file has the correct logic and code (1 pt.)
3. The “stddev.h” file contains #ifndef, #define, and #endif directives (0.5 pt.)
4. The “main.cpp” file uses “new” and “delete” keywords for memory (0.5 pt.)
5. The program contains 5 or more comments (0.5 pt.)
6. The program asks the user for input (0.5 pt.)
7. The program outputs the correct standard deviation based on user input (Example below) (1 pt.)

```
Please enter your given number : 4
    Your Standard Deviation is : 4.472136
Please enter your given number : 5
    Your Standard Deviation is : 5.656854
Please enter your given number : 6
    Your Standard Deviation is : 6.8313007
Please enter your given number : 7
    Your Standard Deviation is : 8.0
Please enter your given number : 8
    Your Standard Deviation is : 9.165152
.
```

If you submit a tarball that contains no files, or is corrupt in any way, **you will**
NOT be given any extension or allowed to resubmit