

Grading Rubric for Lab 3 (5 pts. Total):

1. The struct variable is correctly declared (1 pt.)
2. The “construct” and “output” methods contain the correct parameters (0.5 pt.)
3. The “construct” and “output” methods contain the correct function pointer logic (1 pt.)
4. The 3 pointers for mean, variance, and stddev are correctly declared (0.5 pt.)
5. The data member from the struct is correctly referenced within the cout command (0.5 pt.)
6. The program is nicely formatted and indented. There are spaces around operators and about 8 or more comments in addition to the already commented code. (0.5 pt.)
7. The program outputs the correctly based on user input (Example below) (1 pt.)

```
Please type the size of your array :
```

```
5
```

```
mean: 12
```

```
variance: 32
```

```
stddev: 5.65685
```

```
min: 5.65685
```

```
max: 32
```

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**