Pair Programming 4 Tests

# Instructions

* **Always use the pair programming tests to ensure your program works properly.**
* **Take a screen shot of each execution in the tests.**
* **Only share with your partner work that you did together.**

4a. (2 points) Execute your program and compare its output to the Expected Output column.

|  |  |
| --- | --- |
| **Input** | **Expected Output** |
| Execute the program several times and verify one “random” card prints every time | (depends on random numbers generated; the output should be different every time) |

4b. (2 points) Execute your program and compare its output to the Expected Output column.

|  |  |
| --- | --- |
| **Input** | **Expected Output** |
| Enter 1 for the number | Enter a number: 1  The square of 1 is 1.00 |
| Enter -99.9 for the number | Enter a number: -99.9  The square of -99.9 is 9980.01 |

4c. (2 points) Execute your program and compare its output to the Expected Output column.

|  |  |
| --- | --- |
| **Input** | **Expected Output** |
| Enter 1 for the cost and 1 for the number of items | Enter cost of one item and number of items: 1 1  $1.09 |
| Enter 19.99 for the cost and 10 for the number of items | Enter cost of one item and number of items: 19.99 10  $218.39 |

4d. (2 points) Execute your program and compare its output to the Expected Output column.

|  |  |
| --- | --- |
| **Input** | **Expected Output** |
| Enter 1 for the number [Program doesn’t end but asks for another number] | Enter a number (0 to end): 1  The cube of 1 is 1.000 |
| Enter 12.345 [Program doesn’t end but asks for another number] | Enter a number (0 to end): 12.345  The cube of 12.345 is 1881.366 |
| 0 [program ends with no output] | Enter a number (0 to end): 0 |

4e. (2 points) Execute your program and compare its output to the Expected Output column.

|  |  |
| --- | --- |
| **Input** | **Expected Output** |
| Enter -1 for the number [Program doesn’t end but asks for another number] | Enter number (0 to end): -1  -1 is negative |
| Enter 99 for the number [Program doesn’t end but asks for another number] | Enter number (0 to end): 99  99 is positive |
| Enter 0 for the number [Program ends after printing 0 is positive] | Enter number (0 to end): 0  0 is positive |