

Black Box Test Plan for ProcessFile

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C.

| Test ID | Description | Expected Results | Actual Results |
|--|--|---|---|
| Testing file with single integer (JYS) | <i>Preconditions:</i> ProcessFile program started Enter a file name to process: test-files/test1.txt | Maximum = 4 Minimum = 4 Sum = 4 Count = 1 Average = 4.0 | Maximum = 4 Minimum = 4 Sum = 4 Count = 1 Average = 4.0 |
| Testing file with one-token strings, doubles, and ints | <i>Preconditions:</i> ProcessFile program started Enter a file name to process: test-files/test2.txt | Maximum = 34 Minimum = 2 Sum = 59 Count = 4 Average = 14.75 | Maximum = 34 Minimum = 2 Sum = 59 Count = 4 Average = 14.75 |
| Testing file with multiple-token strings and ints | <i>Preconditions:</i> ProcessFile program started Enter a file name to process: test-files/test3.txt | Maximum = 70 Minimum = 23 Sum = 93 Count = 2 Average = 46.5 | Maximum = 70 Minimum = 23 Sum = 93 Count = 2 Average = 46.5 |
| Testing file without ints, only a string | <i>Preconditions:</i> ProcessFile program started Enter a file name to process: test-files/test4.txt | No integers in file. | No integers in file. |
| Testing file without ints, only doubles. | <i>Preconditions:</i> ProcessFile program started | No integers in file. | No integers in file. |

[illegible]

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