

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 empty file (SC & AS)	<i>Preconditions:</i> ProcessFile program started Enter a file name to process: test-files/test2.txt	No integers in file.	No integers in file.
Testing file with multiple data types (String and int) (SC & AS)	<i>Preconditions:</i> ProcessFile program started Enter a file name to process: test-files/test3.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 negative integer inputs (SC & AS)	<i>Preconditions:</i> ProcessFile program started Enter a file name to process: test-files/test4.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 double inputs	<i>Preconditions:</i> ProcessFile program started	No integers in file.	No integers in file.

(SC & AS)	Enter a file name to process: test-files/test5.txt		
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