# System Test Plan for SeriesOfNumbers

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 | Actu-al Results |
|---|---|---|---|
| Testing invalid input of strings (JYS) | *Preconditions:* SeriesOfNumbers program started<br><br>\<Program Header\><br><br>Enter integer: **one**<br>Enter integer: **two**<br>Enter integer: **3** | 1 4 9 | 1 4 9 |
| Testing invalid input of non-positive max (JYS) | *Preconditions:* SeriesOfNumbers program started<br><br>\<Program Header\><br><br>Enter integer: **0**<br>Enter integer: **-1**<br>Enter integer: **4** | 1 4 9 16 | 1 4 9 16 |

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| Test ID | Description | Expected Results | Actual Results |
|---|---|---|---|
| Boundary Value of 1 (JYS) | *Preconditions:* SeriesOfNumbers program started<br><br><Program Header><br><br>Enter integer: **1** | 1 | 1 |
| Boundary Value of 2 (JYS) | *Preconditions:* SeriesOfNumbers program started<br><br><Program Header><br><br>Enter integer: **2** | 1 4 | 1 4 |
| Testing positive integer (JYS) | *Preconditions:* SeriesOfNumbers program started<br><br><Program Header><br><br>Enter integer: **9** | 1 4 9 16 25 36 49 64 81 | **1 4 9 16 25 36 49 64 81** |

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