**Addition String Calculator Test Case**

**File Name**: addition string calculator.js – Add (numbers: String) function  
Note: Inputs are assumed to be in the proper format.  
 addition string calculator test.js – JavaScript to test the addition string calculator.js.

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| **Test Name** | **Input** | **Expected** | **Result** | **Note** |
| Adding simple inputs | 1,2,5 | 8 | 8 |  |
| Adding empty input |  | 0 | 0 |  |
| Adding with new lines | 1\n,2,3 | 6 | 6 | \n is on the right of 1 |
| Adding with new lines | 1,\n2,4 | 7 | 7 | \n is on the left of 2 |
| Adding new lines | 1,2,5\n | 8 | 8 | \n is on the right of 5 |
| Adding with a single character delimiter | //;\n1;3;4 | 8 | 8 |  |
| Adding with a special character delimiter | //$\n1$2$3 | 6 | 6 |  |
| Adding with negatives throws an exception | //@\n1@-3@4 | uncaught exception: Negatives not allowed: -3 | uncaught exception: Negatives not allowed: -3 | Negative number is listed |
| Adding with multiple negatives throws an exception | //\*\n6\*-3\*4\*-8 | uncaught exception: Negatives not allowed: -3, -8 | uncaught exception: Negatives not allowed: -3, -8 | Negative numbers are listed |
| Adding a number greater than 1000 is ignored | 2,1001,5 | 7 | 7 |  |
| Delimiters can have arbitrary length | //$$$\n6$$$5$$$2 | 13 | 13 |  |
| Multiple delimiters are allowed | //@,!\n1!4@3 | 8 | 8 |  |
| Multiple delimiters can have arbitrary length | //$$$,\*\*\*\n5  $$$5\*\*\*5 | 15 | 15 |  |