# Testing Document

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# Introductory Exercises

## Adding Two Numbers

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 5.21 + 7.21 | 12 | 12 | Passed |
| 11.11 + 7.21 | 18 | 18 | Passed |
| -50 + 69.69 | 19 | 19 | Passed |

## Fibonacci

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 4 | 0, 1, 1, 2 | 0, 1, 1, 2 | Passed |
| 10 | 0, 1, 1, 2, 3, 5, 8, 13, 21, 34 | 0, 1, 1, 2, 3, 5, 8, 13, 21, 34 | Passed |
| 7 | 0, 1, 1, 2, 3, 5, 8 | 0, 1, 1, 2, 3, 5, 8 | Passed |

## FizzBuzz

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 15 | 1  2  Fizz  4  Buzz  Fizz  7  8  Fizz  Buzz  11  Fizz  13  14  FizzBuzz | 1  2  Fizz  4  Buzz  Fizz  7  8  Fizz  Buzz  11  Fizz  13  14  FizzBuzz | Passed |
| 5 | 1  2  Fizz  4  Buzz | 1  2  Fizz  4  Buzz | Passed |
| 7 | 1  2  Fizz  4  Buzz  Fizz  7 | 1  2  Fizz  4  Buzz  Fizz  7 | Passed |

## Sum Of Arrays

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 1,4,5,6,7,9 | 32 | 32 | Passed |
| 1,1,1,1 | 4 | 4 | Passed |
| -1,6,9,10 | 24 | 24 | Passed |

## Sorting an Array Descending

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 6,3,1,5,7,8,9,3 | 9,8,7,6,5,3,3,1, | 9,8,7,6,5,3,3,1, | Passed |
| 100,100,234,1234 | 1234,234,100,100, | 1234,234,100,100, | Passed |
| 1,6,8,9,22,100,60 | 100,60,22,9,8,6,1, | 100,60,22,9,8,6,1, | Passed |

## Alphabetize a File

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 13  spillway  fishmonger  bankbook  eyesight  wheelhouse  keyword  pinup  uppercut  washbowl  deadend  coffeemaker  houseboat  typewriter | Bankbook  coffeemaker  deadend  eyesight  fishmonger  houseboat  keyword  pinup  spillway  typewriter  uppercut  washbowl  wheelhouse | Bankbook  coffeemaker  deadend  eyesight  fishmonger  houseboat  keyword  pinup  spillway  typewriter  uppercut  washbowl  wheelhouse | Passed |
| 13  handsome  defeated  abhorrent  kiss  son  necessary  handsomely  hook  happy  one  lamentable  range  complete | abhorrent  complete  defeated  handsome  handsomely  happy  hook  kiss  lamentable  necessary  one  range  son | abhorrent  complete  defeated  handsome  handsomely  happy  hook  kiss  lamentable  necessary  one  range  son | Passed |
| 13  rainstorm  week  prickly  tap  turkey  division  hair  exclusive  mushy  crayon  believe  alike  sugar | alike  believe  crayon  division  exclusive  hair  mushy  prickly  rainstorm  sugar  tap  turkey  week | alike  believe  crayon  division  exclusive  hair  mushy  prickly  rainstorm  sugar  tap  turkey  week | Passed |

## Greeting

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| Person p1 = new Person("Bob"); | Hello, i'm Bob | Hello, i'm Bob | Passed |
| Doctor p2 = new Doctor("Fred"); | Hello, i'm Dr Fred | Hello, i'm Dr Fred | Passed |
| Person p3 = new Doctor("Ted"); | Hello, i'm Dr Ted | Hello, i'm Dr Ted | Passed |