# Testing Document

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# Introductory Exercises

## Adding Two Numbers

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 1.1f + 3.89f | 4 | 4 | Passed |
| 5.1f + 3.89f | 8 | 8 | passed |
| 0.5f + 2.89f | 3 | 3 | 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 |
| 20 | 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181 | 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181 | 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 |
| 30 | 1, 2, Fizz, 4, Buzz, Fizz, 7, 8, Fizz, Buzz, 11, Fizz, 13, 14, FizzBuzz, 16, 17, Fizz, 19, Buzz, Fizz, 22, 23, Fizz, Buzz, 26, Fizz, 28, 29, FizzBuzz | 1, 2, Fizz, 4, Buzz, Fizz, 7, 8, Fizz, Buzz, 11, Fizz, 13, 14, FizzBuzz, 16, 17, Fizz, 19, Buzz, Fizz, 22, 23, Fizz, Buzz, 26, Fizz, 28, 29, FizzBuzz | passed |

# Array Exercises

## Sum of Array

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 0, 1, 2, 3 | 6 | 6 | Passed |
| 2, 4, 8, 16, 32, 64 | 126 | 126 | passed |
| 33, 74, 52, 9 | 168 | 168 | passed |

## Sort an Array (Descending)

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 45, 6, 12, 51, 4, 23, 31, 100, 99, 1 | 100, 99, 51, 45, 31, 23, 12, 6, 4, 1 | 100, 99, 51, 45, 31, 23, 12, 6, 4, 1 | Passed |
| 1, 8, 8, 4, 0, 6, 7, 5 | 9, 8, 7, 6, 5, 4, 1, 0 | 9, 8, 7, 6, 5, 4, 1, 0 | passed |

# File Exercises

## Alphabetize a File

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 15  cycle  blind  industry  moon  stem  vigorous  wet  trick  bite-sized  enter  art  vegetable  rake  hallowed  carriage | art  bite-sized  blind  carriage  cycle  enter  hallowed  industry  moon  rake  stem  trick  vegetable  vigorous  wet | art  bite-sized  blind  carriage  cycle  enter  hallowed  industry  moon  rake  stem  trick  vegetable  vigorous  wet | 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 |