# Testing Document

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# Introductory Exercises

## Adding Two Numbers (1)

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 1.1 + 3.89 | 4 | 4 | Passed |
| 4.1 + 3.65 | 7 | 7 | Passed |
| 10.5 + -2.33 | 8 | 8 | Passed |

## Fibonacci (2)

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 7 | 0, 1, 1, 2, 3, 5, 8 | 0, 1, 1, 2, 3, 5, 8 | 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 |

## FizzBuzz (3)

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |
| 6 | 1, 2, Fizz, 4, Buzz, Fizz | 1, 2, Fizz, 4, Buzz, Fizz | Passed |
| 11 | 1, 2 ,Fizz , 4, Buzz, Fizz, 7, 8, Fizz, Buzz, 11 | 1, 2 ,Fizz , 4, Buzz, Fizz, 7, 8, Fizz, Buzz, 11 | Passed |

## Sum of Array

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 1,3,2,4 | 10 | 10 | Passed |
| 4,7,2 | 13 | 13 | Passed |
| 1,7,4,22 | 34 | 34 | Passed |

## Sorting an Array (Descending) (5)

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| 1,3,2,4 | 4,3,2,1 | 4,3,2,1 | Passed |
| 4,7,2 | 7,4,2 | 7,4,2 | Passed |
| 1,7,4,22 | 22,7,4,1 | 22,7,4,1 | Passed |

## Alphabetize a File (6)

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |
| 5  attraction  act  double  vacation  harmonious | act  attraction  double  harmonious  vacation | act  attraction  double  harmonious  vacation | Passed |
| 8  sable  hard  miss  easy  pin  destroy  skip  try | destroy  easy  hard  miss  pin  sable  skip  try | destroy  easy  hard  miss  pin  sable  skip  try | Passed |

## Greetings (7)

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Output** | **Actual Output** | **Passed?** |
| Person p1 = new Person("Bob");  Doctor p2 = new Doctor("Fred");  Person p3 = new Doctor("Ted");  p1.SayGreeting();  p2.SayGreeting(); p3.SayGreeting(); | Hello, I’m Bob Hello I’m Dr. Fred,  Hello I’m Dr. Ted | Hello, I’m Bob,  Hello I’m Dr. Fred,  Hello I’m Dr. Ted | Passed |
| Person p1 = new Person("Shane");  Doctor p2 = new Doctor("Neil");  Person p3 = new Doctor("Sydney");  p1.SayGreeting();  p2.SayGreeting(); p3.SayGreeting(); | Hello, I’m Shane,  Hello I’m Dr. Neil,  Hello I’m Dr. Sydney | Hello, I’m Shane,  Hello I’m Dr. Neil,  Hello I’m Dr. Sydney | Passed |
| Person p1 = new Person("Tommie");  Doctor p2 = new Doctor("Wesley");  Person p3 = new Doctor("Lacey");  p1.SayGreeting();  p2.SayGreeting(); p3.SayGreeting(); | Hello, I’m Tommie,  Hello I’m Dr. Wesley,  Hello I’m Dr. Lacey | Hello, I’m Tommie,  Hello I’m Dr. Wesley,  Hello I’m Dr. Lacey | Passed |