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| **Testing Sanctuary construction** | **Input Value** | **Expected Value** |
| Small values | Sanctuary( 1, 2) | Pass construction |
| Big values | Sanctuary( 10000, 9000) | Pass Construction |
| Negative monkeys | Sanctuary( -20, 50) | “IllegalArguementException” |
| Negative Troops | Sanctuary( 10, -60) | “IllegalArguementException” |

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| **Testing Monkey Construction** | **Input Value** | **Expected Value** |
| Small values | Monkey(abc, xyz, M, 1, 1 ,eggs, 1) | Pass Construction |
| Big values | Monkey(abracadabra, loremipsum, M, 1000, 10000, sandwiches, 1000) | Pass Construction |
| Wrong gender values | Monkey( pale-headed saki, Pithecia Pithecia, X, 10, 12, eggs, 10 ) | “IllegalArguementException” |
| Wrong food values | Monkey( pale-headed saki, Pithecia Pithecia, M, 10, 12, pizza, 10) | “IllegalArguementException” |
| Negative weight | Monkey( pale-headed saki, Pithecia Pithecia, M, -10, 12, eggs, 10) | “IllegalArguementException” |
| Negative size | Monkey( pale-headed saki, Pithecia Pithecia, M, 10, -12, eggs, 10) | “IllegalArguementException |
| Negative age | Monkey( pale-headed saki, Pithecia Pithecia, M, 10, 12, eggs, -10) | “IllegalArguementException” |

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| **Testing Enclosure methods** | Input Value | Expected Value |
| getCount() | getCount() | Integer value of the number of monkeys in enclosure |
| addNewTroop() | addNewTroop(Pithecia) | Should not add if the enclosures are full |
| removeTroop() | removeTroop(Pithecia) | Should not remove if not exist |

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| **Testing Isolation methods** | Input Value | Expected Value |
| getCount() | getCount() | Integer value of the number of monkeys in isolation |
| addMonkey() | addMonkey(pale-headed Saki) | Should not add if the isolations are full |
| removeMonkey() | removeMonkey(Pale-headed Saki) | Should not remove if not exist |

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| **Testing Sanctuary methods** | Input Value | Expected Value |
| getAlphabeticalList() | getAlphabeticalList() | Should return the list in alphabetical and include both from Enclosure and Isolation |
| getShopping() | getShoppingList() | The list should consider the sizes of monkey and create food list accordingly |