Isabel Farmer

Test Cases – Assignment II

**Player:**

Player():

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Is passed nothing | Empty parameters | Is passed any value |

Player(String name):

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Must be passed a string | Single string is passed | 1. Multiple strings passed 2. Nothing passed |

setNumGamesWon(int num):

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Integer value is passed | Any whole number is passed | 1. null 2. 1.2 3. 0 4. Multiple values |

setNumGamesPlayed(int num):

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Integer value is passed | Any whole number is passed | 1. null 2. 1.2 3. 0 4. Multiple values |

**Dictionary:**

addWord():

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Must be passed a string | Single string is passed | 1. Multiple strings passed 2. Nothing passed |

validateFile(String input):

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Must be passed a string | Single string is passed | 1. Multiple strings passed 2. Nothing passed |

**Scoreboard:**

addPlayer(String name):

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Must be passed a string | Single string is passed | 1. Multiple strings passed 2. Nothing passed |

gamePlayed(String name, boolean winorlose):

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Must be passed a string | Single string is passed | 1. Multiple strings passed 2. Nothing passed |
| First parameter value must be a string | String passed as first parameter | 1. A non-string value is passed |
| Must be passed a boolean | Boolean value is passed | 1. No value is passed as second parameter |
| Second parameter value must be a boolean | Boolean passed as first parameter | 1. A non-Boolean value is passed |

orderPlayers(DLNode<E> playerlist):

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Must be passed a doubly linked list | 1. Linked list of size 1  2. linked list of size 3 | 1. A non-doubly linked list value is passed 2. Linked list of size 0 |

displayPlayers(DLNode<E> playerlist):

|  |  |  |
| --- | --- | --- |
| **Rules/Constraints** | **Valid Equivalence Classes** | **Invalid Equivalence Classes** |
| Must be passed a doubly linked list | 1. Linked list of size 1  2. linked list of size 3 | 1. A non-doubly linked list value is passed 2. Linked list of size 0 |