Games Table

|  |  |  |  |
| --- | --- | --- | --- |
| Partition ID | Input variable | Valid partition | Invalid partition |
| 1 | CheckScore | 0<=Checkscore=>infinite |  |
| 2 | CheckScore |  | Strings, negative numbers, non-alpha numeric characters |
| 3 | playerWin | 0<=playerWin=>infinite |  |
| 4 | playerWin |  | Strings, negative numbers, non-alpha numeric characters |
| 5 | gamePlayed | 0<=playerWin=>infinite |  |
| 6 | gamePlayed |  | Strings, negative numbers, non-alpha numeric characters |
| 7 | playerLose | 0<=playerWin=>infinite |  |
| 8 | playerLose |  | Strings, negative numbers, non-alpha numeric characters |

|  |  |  |  |
| --- | --- | --- | --- |
| Test ID | Test inputs | Expected output | Partition ID covered |
| 1 | CheckScore=0 | valid | 1,2 |
| 2 | gamesPlayed=0 | valid | 5,6 |
| 3 | playerWin=0 | valid | 3,4 |
| 4 | playerLose=0 | valid | 7,8 |

Hand Table

|  |  |  |  |
| --- | --- | --- | --- |
| Partition ID | Input variable | Valid partition | Invalid partition |
| 1 | HandCount | 0<=HandCount=>infinite |  |
| 2 | HandCount |  | Strings, Negative numbers, non alpha- numeric numbers |

|  |  |  |  |
| --- | --- | --- | --- |
| Test ID | Test inputs | Expected output | Partition ID covered |
| 1 | HandCount=0 | valid | 1,2 |

Statistics Tables

|  |  |  |  |
| --- | --- | --- | --- |
| Partition ID | Input variable | Valid partition | Invalid partition |
| 1 | GamesPlayed |  | Strings, negative numbers |
| 2 | GamesPlayed | gamesPlayed>=0 |  |
| 3 | GamesWon | gamesWon>=0 |  |
| 4 | GamesWon |  | Strings, negative |
| 5 | GamesLost | gamesLost>=0 |  |
| 6 | GamesLost |  | Strings, negative numbers |
| 7 | winPercent | winPercent>=0.0 |  |
| 8 | winPercent |  | Strings, negative number |

Statistics Tests

|  |  |  |  |
| --- | --- | --- | --- |
| Test ID | Test inputs | Expected output | Partition ID covered |
| 1 | gamesPlayed=0 | valid | 1,2 |
| 2 | gamesWon=0 | valid | 3,4 |
| 3 | gamesLost=0 | valid | 5,6 |
| 4 | winPercent=0.0 | valid | 7,8 |

Bet Tables

|  |  |  |  |
| --- | --- | --- | --- |
| Partition ID | Input variable | Valid partition | Invalid partition |
| 1 | Bet | Bet= 0,25,50,75 |  |
| 2 | Bet |  | Strings, negative numbers, numbers other than 0,25,50,75, non alpha numeric numbers |

|  |  |  |  |
| --- | --- | --- | --- |
| Test ID | Test inputs | Expected output | Partition ID covered |
| 1 | Bet = 0,25,50,75 | valid | 1,2 |

AddPlayer Table

|  |  |  |  |
| --- | --- | --- | --- |
| Partition ID | Input variable | Valid partition | Invalid partition |
| 1 | CheckScore | 0<=Checkscore=>infinite |  |
| 2 | CheckScore |  | Strings, negative numbers, non-alpha numeric characters |
| 3 | playerWin | 0<=playerWin=>infinite |  |
| 4 | playerWin |  | Strings, negative numbers, non-alpha numeric characters |
| 5 | gamePlayed | 0<=playerWin=>infinite |  |
| 6 | gamePlayed |  | Strings, negative numbers, non-alpha numeric characters |
| 7 | playerLose | 0<=playerWin=>infinite |  |
| 8 | playerLose |  | Strings, negative numbers, non-alpha numeric characters |

|  |  |  |  |
| --- | --- | --- | --- |
| Test ID | Test inputs | Expected output | Partition ID covered |
| 1 | CheckScore=0 | valid | 1,2 |
| 2 | gamesPlayed=0 | valid | 5,6 |
| 3 | playerWin=0 | valid | 3,4 |
| 4 | playerLose=0 | valid | 7,8 |