| **Test Name** | | | Replicate Odds Error | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case Tested:** | | | Play Game | | | |
| **Test Description:** | | | Replicating an error where the odds of the game are not what they should be. Crown and Anchor should have a win to lose ratio of 0.42. It is currently 0.49. | | | |
| **Pre-conditions** | | | Player balance is 100. Player limit is 0. Player bet amount is 5. Player Name is Fred. Amount Betted is 5. | | | |
| **Post-conditions** | | | Game results are output in console. | | | |
| **Notes:** | |  | | | | |
| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | | |
|  | **TEST STEP** | | | **EXPECTED TEST RESULTS** | P | F |
|  | Program is executed with designated pre-conditions. | | | Game results are displayed in console. At the end of 100 games the ratio of win to lose is printed. The ratio displayed is 0.42. |  | F |
|  | Q is input through console | | | Execution stops. | P |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** |
| Balance | 100 |  |  |  |  |
| Limit | 0 |  |  |  |  |
| Name | “Fred” |  |  |  |  |
| Bet | 5 |  |  |  |  |
| Win-Lose ratio | 0.42 |  |  |  |  |
| Q | “q” |  |  |  |  |