# Scenario: Debugging Assignment

## Scenario Description

* Patron wants to borrow a book and the test scripts will go over the different situations where this will be achieved successfully or unsuccessfully.

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 0.1 | 12/10/2019 | Adam Tolo | Initial Draft |
| 1.0 | 18/10/2019 | Adam Tolo | Initial Version |

## Test Scripts

The following scripts will cover this scenario:

* 1.1 Player loses double on loss
* 1.2 Player doesn’t receive any winnings
* 1.3 Player cannot reach betting limit
* 1.4 Odds in game are incorrect

## Use Case

* Player can play the Hoo Hey How Game and it is reflective of the rules of the game. The odds of winning should also be as what has been defined as standard

## Script #1.1: Player loses double on loss

### Script Description

* Player’s loss amount is double the amount they bet after each round

### Testing Requirements

This test script covers the following specific testing requirements:

* If a player loses, they should only lose the amount they bet

### Setup

* Run Main.java

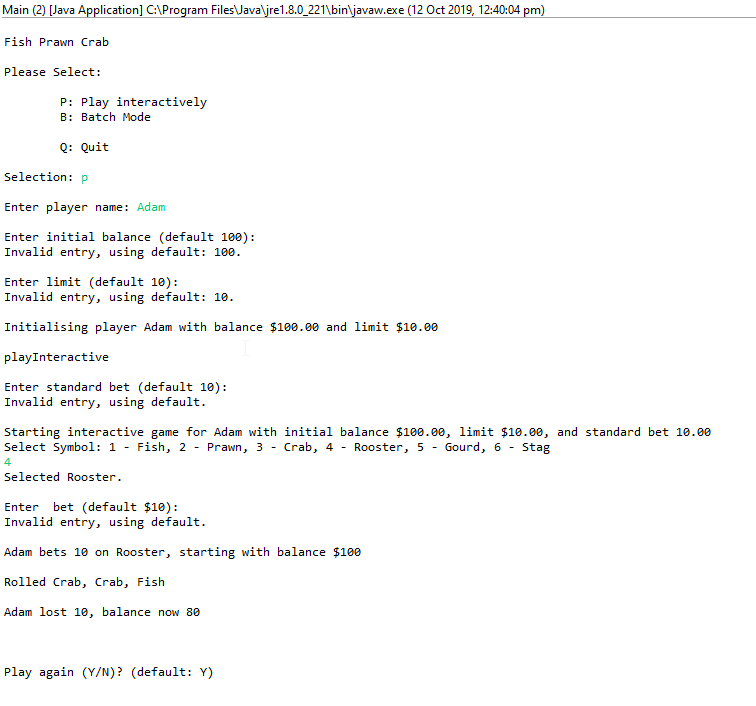
### Teardown

* NA

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Player types p and pressed <enter> | Program asks user to enter player name | P |
| 2 | Player types in Adam and presses <enter> | Program asks user to enter initial balance | P |
| 3 | Player presses <enter> | Program asks user to enter limit | P |
| 4 | Player presses <enter> | Program asks user to enter standard bet | P |
| 5 | Player presses <enter> | Program asks user which game for Adam with initial balance of 100 and a limit of 10 and standard bet of 10 wants to play. Lists the options of 1 - Fish, 2 - Prawn, 3 - Crab, 4 - Rooster, 5 - Gourd, 6 – Stag for game options | P |
| 6 | Player presses 4 | Program asks for bet amount | P |
| 7 | Player presses <enter> | Program should display  Adam lost 10, balance now 90 | F |

### Evidence of Result



### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 12/10/19 12:41pm | Adam Tolo | Adatol | System Cycle 1 | Failed |
| 12/10/19 12:52pm | Adam Tolo | Adatol | System Cycle 2 | Failed |

## Script #1.2: Player doesn’t receive any winnings

### Script Description

* After a player wins, their balance stays the same

### Testing Requirements

This test script covers the following specific testing requirements:

* If a player winning, they balance should increase by the amount they bet

### Setup

* Run Main.java

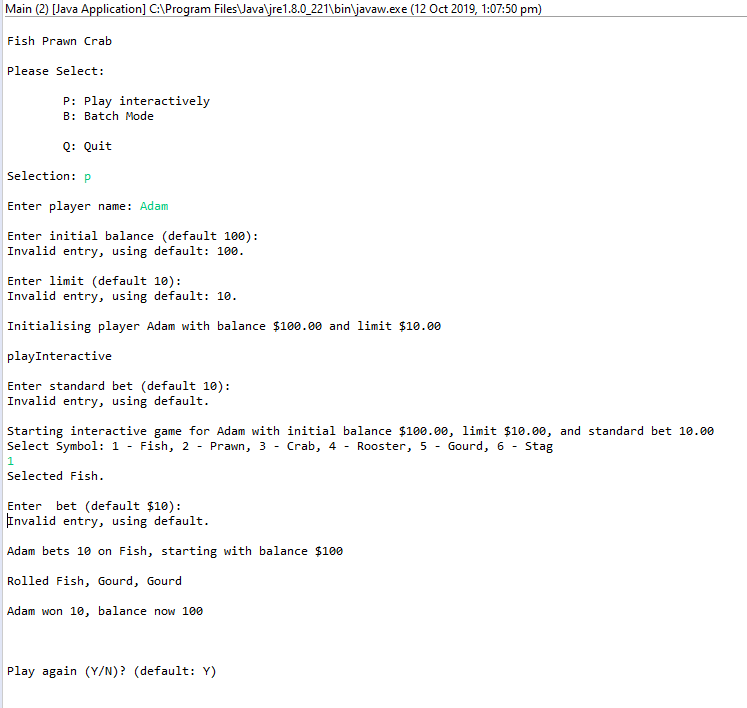
### Teardown

* NA

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Player types p and pressed <enter> | Program asks user to enter player name | P |
| 2 | Player types in Adam and presses <enter> | Program asks user to enter initial balance | P |
| 3 | Player presses <enter> | Program asks user to enter limit | P |
| 4 | Player presses <enter> | Program asks user to enter standard bet | P |
| 5 | Player presses <enter> | Program asks user which game for Adam with initial balance of 100 and a limit of 10 and standard bet of 10 wants to play. Lists the options of 1 - Fish, 2 - Prawn, 3 - Crab, 4 - Rooster, 5 - Gourd, 6 – Stag for game options | P |
| 6 | Player presses 1 | Program asks for bet amount | P |
| 7 | Player presses <enter> | Program should display  Adam won 10, balance now 110 | F |

### Evidence of Result



### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 12/10/19 13:07pm | Adam Tolo | Adatol | System Cycle 1 | Failed |
| 12/10/19 13:10pm | Adam Tolo | Adatol | System Cycle 2 | Failed |

## Script #1.3: Player cannot reach betting limit

### Script Description

* When a player tries to make a bet which if they lose would take them to their betting limit, the bet is void

### Testing Requirements

This test script covers the following specific testing requirements:

* A player should be able to reach the exact number of their betting limit but not be able to go under the limit

### Setup

* Run Main.java

### Teardown

* NA

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Player types p and pressed <enter> | Program asks user to enter player name | P |
| 2 | Player types in Adam and presses <enter> | Program asks user to enter initial balance | P |
| 3 | Player presses <enter> | Program asks user to enter limit | P |
| 4 | Player presses <enter> | Program asks user to enter standard bet | P |
| 5 | Player presses <enter> | Program asks user which game for Adam with initial balance of 100 and a limit of 10 and standard bet of 10 wants to play. Lists the options of 1 - Fish, 2 - Prawn, 3 - Crab, 4 - Rooster, 5 - Gourd, 6 – Stag for game options | P |
| 6 | Player presses 1 | Program asks for bet amount | P |
| 7 | Player types 90 and presses <enter> | Program should display  Adam lost 90, balance now 10 | F |

### Evidence of Result

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 13/10/19 xx:xxpm | Adam Tolo | Adatol | System Cycle 1 | Failed |
| 13/10/19 xx:xxpm | Adam Tolo | Adatol | System Cycle 2 | Failed |

## Script #1.4: Odds in game are incorrect

### Script Description

* After

### Testing Requirements

This test script covers the following specific testing requirements:

* If

### Setup

* Run Main.java

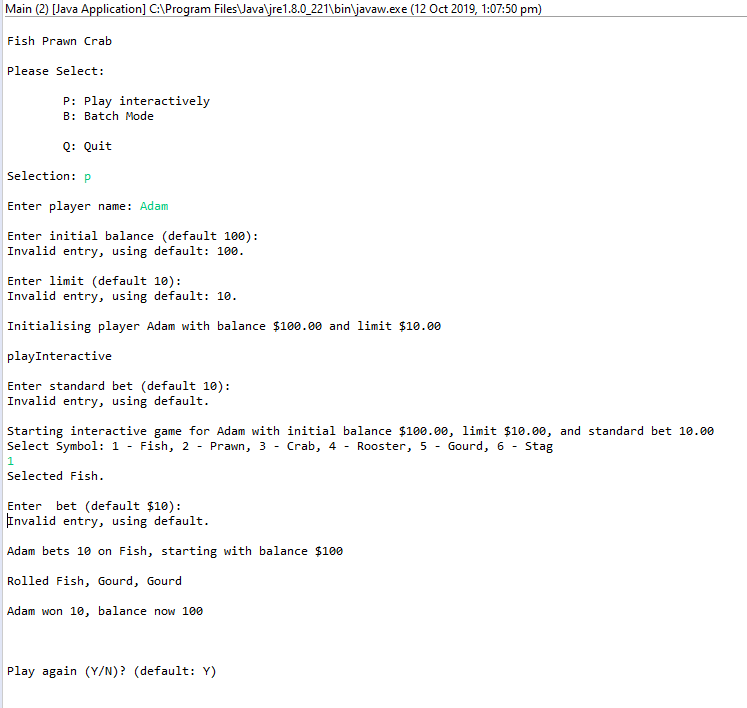
### Teardown

* NA

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Player types p and pressed <enter> | Program asks user to enter player name | P |
| 2 | Player types in Adam and presses <enter> | Program asks user to enter initial balance | P |
| 3 | Player presses <enter> | Program asks user to enter limit | P |
| 4 | Player presses <enter> | Program asks user to enter standard bet | P |
| 5 | Player presses <enter> | Program asks user which game for Adam with initial balance of 100 and a limit of 10 and standard bet of 10 wants to play. Lists the options of 1 - Fish, 2 - Prawn, 3 - Crab, 4 - Rooster, 5 - Gourd, 6 – Stag for game options | P |
| 6 | Player presses 1 | Program asks for bet amount | P |
| 7 | Player presses <enter> | Program should display  Adam won 10, balance now 110 | F |

### Evidence of Result



### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 12/10/19 13:07pm | Adam Tolo | Adatol | System Cycle 1 | Failed |
| 12/10/19 13:10pm | Adam Tolo | Adatol | System Cycle 2 | Failed |