**Assessment 4**

**Debugging**

**LIST OF BUGS FOUND:**

**B1.** Game does not pay out at correct level.

* When player wins on 1 match, balance does not increase

**B2.** Player cannot reach betting limit

* Limit set to 0, but game ends with player still with 5 (dollars) remaining

**B3.** Odds in the game do not appear to be correct

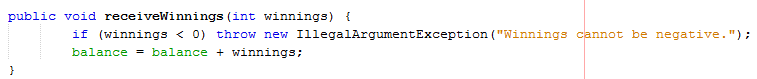
* Crown and Anchor games have an approximate 8% bias to the house. So the win : (win+lose) ratio should approximately equal 0.42. This does not appear to be the case.

**B4.** Same symbol is displayed on three dice in every turn.

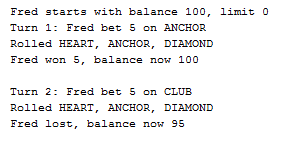
**Solutions with Snapshots:**

**1. When player wins on 1 match, balance does not increase**

**Bug Found:**

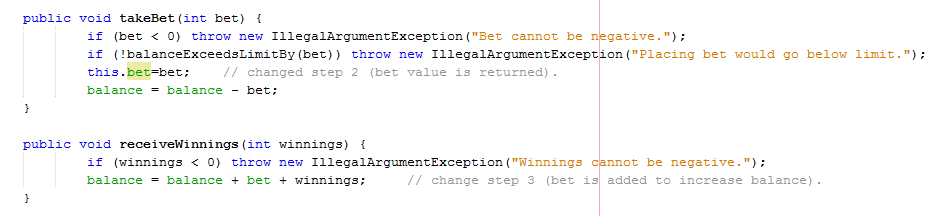


**Result:**

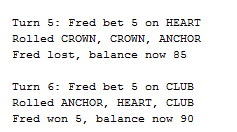


**Bug Resolved:**

****

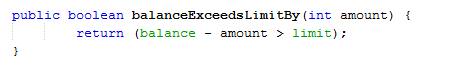
****

**Result:**

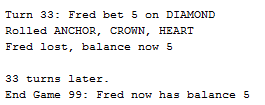


**2. Limit set to 0, but game ends with player still with 5 (dollars) remaining**

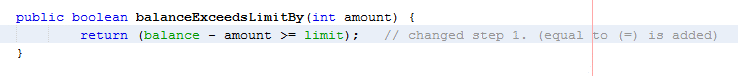
**Bug Found:**



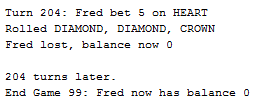
**Result:**



**Bug Resolved:**



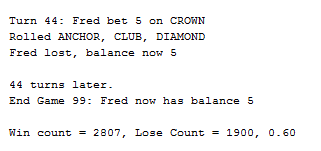
**Result:**



**3.** . **Odds in the game do not appear to be correct**

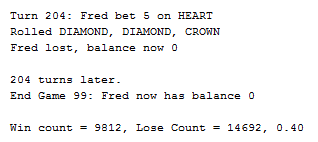
**Bug Found:**

**Result:**



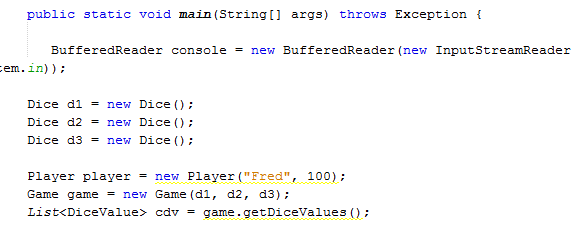
**Bug Resolved:**

**Result:**

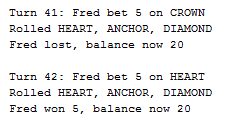


**4. Same symbol is displayed on three dice in every turn.**

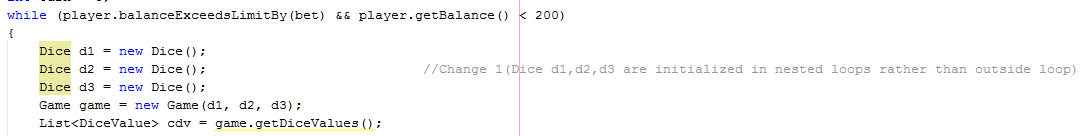
**Bug Found:**



**Result:**



**Bug Resolved:**



**Result:**

