# Bug 3 - Automated Test Output

Here is the output for the automated test:

------------- Standard Output ---------------

Bug 1… //results from Test 1

Bug 2… //results from Test 2

Bug 3

Start Game 0:

208 turns later.

End Game 0: Fred now has balance 205

Start Game 1:

78 turns later.

End Game 1: Fred now has balance 200

Start Game 2:

333 turns later.

End Game 2: Fred now has balance 200

…

… //Lines cut from result due to unnecessary repetition

…

Start Game 997:

51 turns later.

End Game 997: Fred now has balance 0

Start Game 998:

154 turns later.

End Game 998: Fred now has balance 0

Start Game 999:

104 turns later.

End Game 999: Fred now has balance 0

Win count = 99912, Lose Count = 150617, 0.40

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Testcase: testBug3(CrownAndAnchor.Bug3Replication): FAILED

expected:<0.4213> but was:<0.3988041281700134>

I have set the test to run 10 times, each doing 1000 games, and allowed a 0.015 deviation from the expected value, and checking the assertetation on each of the ten trials, because invalid data arising in certain situations would allow for a value close to 0.40, which would give a false positive. The reasons for this will be discussed in depth in the Debugging Log.