Replication

Bug 1: The player is not paid out correctly

Test Name	Test balance increase correctly after winning
Use Case Tested:	Crown and Anchor Game
Test Description:	Test whether the player is paid the correct amount In particular: - If he makes one match, he should get the initial balance and the bet. - If he makes two matches, he should get initial balance plus two times the bet. - If he makes three matches, he should get the initial balance plus three times the bet.
Pre-conditions	Run the program to simulate the game.
Post-conditions	Player's balance has increased by his bet.

	TEST STEP	EXPECTED TEST RESULTS	RESULT

1.	Run Main.java with player details:
	    Player name = "Fred"
	    Balance = 100
	    Limit = 0
		Console opens and results for 100 games are displayed in it.	Pass

2.	Look at each turn and identify one where the player has made matches.	A turn should be presented	Pass
3.	Look at the previous balance from the end of the previous turn, the bet amount, and the balance at the end of the identified turn.	The balance for the end of the identified turn should be equal to the previous balance plus the bet amount.	Fail
4.	Repeat steps 2-3 two more times to identify and examine different turns.	Same as steps 2-3.	Fail

Examples of bugs

EXAMPLES OF BUGS	RESULT
``Fred lost, balance now 70

Turn 13: Fred bet 5 on ANCHOR
Rolled HEART, HEART, ANCHOR
Fred won 5, balance now 70``` | Initial balance: 70

Balance after turn: 70

Expected: 75

Result: FAIL |
| ```Fred lost, balance now 95

Turn 2: Fred bet 5 on HEART
Rolled DIAMOND, DIAMOND, HEART
Fred won 5, balance now 95``` | Initial balance: 95

Balance after turn: 95

Expected: 100

Result: FAIL |
| ```Start Game
Fred starts with balance 100, limit 0
Turn 1: Fred bet 5 on CROWN
Rolled HEART, CROWN, DIAMOND
Fred won 5, balance now 100``` | Initial balance: 100

Balance after turn: 100

Expected: 105

Result: FAIL |
| ```Fred lost, balance now 90

Turn 3: Fred bet 5 on HEART
Rolled HEART, HEART, ANCHOR
Fred won 10, balance now 95``` | Initial balance: 90

Balance after turn: 95

Expected: 100

Result: FAIL |
| ```Fred won 5, balance now 85

Turn 8: Fred bet 5 on DIAMOND
Rolled DIAMOND, DIAMOND, HEART
Fred won 10, balance now 90``` | Initial balance: 85

Balance after turn: 90

Expected: 95

Result: FAIL |
| ```Fred lost, balance now 95

Turn 2: Fred bet 5 on DIAMOND
Rolled DIAMOND, DIAMOND, HEART
Fred won 10, balance now 100``` | Initial balance: 95

Balance after turn: 100

Expected: 105

Result: FAIL |