

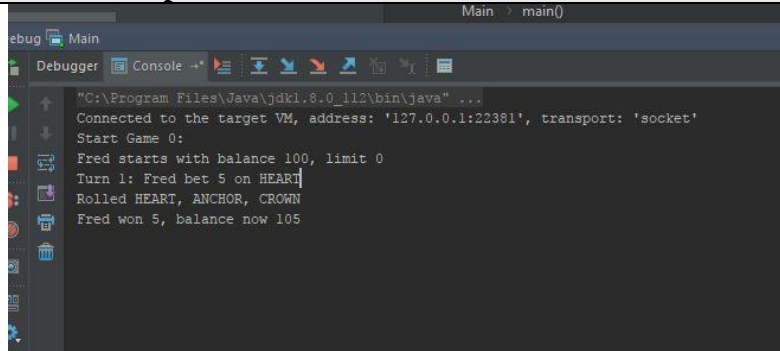
Test Script: TestItem01	
UAT: One Match Win	Date: 04/10/2017

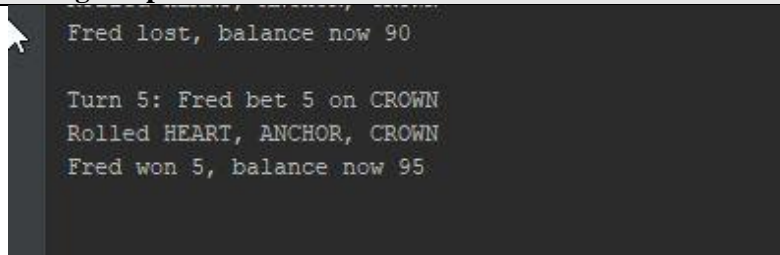
Test Name	Total return for 'one match win' credited to player's balance.
Use Case Tested:	Single Match Win
Test Description:	A player sits at the table, the player's bet is taken and the dice thrown on a round by round basis until the player wins with a single matching symbol. The winnings are credited to the player's account.
Pre-conditions	<ul style="list-style-type: none"> • A player. <ul style="list-style-type: none"> - the player is at the table with sufficient credits to play out a round and bet \$5. The amount is debited from the player's account. • A 'winning' condition: <ul style="list-style-type: none"> - a wager on a particular symbol shall win if the symbol appears on one or more of the uppermost face of the three dice and shall lose if the symbol does not appear. i.e. A number between 1-6 appears one or more times that is equal to the number randomly picked by the player. • An 'odds' condition': <ul style="list-style-type: none"> - if the symbol appears on the uppermost face of 1 dice: 1 to 1 <p>The 'odds' condition translates to a 'winnings' value of 5.</p> • A 'returns' condition: <ul style="list-style-type: none"> - the Returns from a bet are the amount the player gets back if the bet wins. The return to the player is the value of the initial bet ('stake') AND the winnings.

Test Script: TestItem01	
UAT: One Match Win	Date: 04/10/2017

Post-conditions		Player's balance increases by \$5.		
Notes:		<p>An automated 'alpha' UAT.</p> <p>No direct user input required.</p> <p>A conditional breakpoint is entered at line 56 of the test script: winnings == 5</p> <p>Code altered at line 53 of Game.java to add value of bet to winnings:</p> <pre>player.receiveWinnings(winnings + bet);</pre> <p>Meaning of results:</p> <p>Each of the test results have 'winnings' of \$5 and total returns of \$10 therefore the bug has been fixed.</p>		
Result (Pass/Fail/Warning/Incomplete)		F		
	TEST RUN	EXPECTED TEST RESULTS	P	F
1.	Turn 01	Balance increases by \$5		P
2.	Turn 05	Balance increases by \$5		P
3.	Turn 06	Balance increases by \$5		P

Test Script: TestItem01	
UAT: One Match Win	Date: 04/10/2017

Test Run 1	Console Output
Result	 <pre> Main → main() Debugger Console → "C:\Program Files\Java\jdk1.8.0_112\bin\java" ... Connected to the target VM, address: '127.0.0.1:22381', transport: 'socket' Start Game 0: Fred starts with balance 100, limit 0 Turn 1: Fred bet 5 on HEART Rolled HEART, ANCHOR, CROWN Fred won 5, balance now 105 </pre>

Test Run 1	Debug Output
Result	 <pre> Fred lost, balance now 90 Turn 5: Fred bet 5 on CROWN Rolled HEART, ANCHOR, CROWN Fred won 5, balance now 95 </pre>

Test Script: TestItem01	
UAT: One Match Win	Date: 04/10/2017

Test Run	Console Output
Result	<pre>Fred won 5, balance now 95 Turn 6: Fred bet 5 on HEART Rolled HEART, ANCHOR, CROWN Fred won 5, balance now 100</pre>