

## BUG 5: Game Rolls Test

<b>Test Name</b>	Game rolls test: Spade is never drawn, out of six possible symbols, all five symbols are randomly select except spade			
<b>Use Case Tested:</b>	Play Game			
<b>Test Description:</b>	Tests that each roll is producing new results, and we don't get the same result every roll, and every game, in each run of Main.java.			
<b>Pre-conditions</b>	No pre-conditions (first bug to be investigated and resolved, as it is a pre-requisite to properly replicate the other bugs).			
<b>Post-conditions</b>	Not every roll is identical.			
<b>Notes:</b>				
<b>Result (Pass/Fail/Warning/Incomplete)</b>				
	<b>TEST STEP</b>	<b>EXPECTED TEST RESULTS</b>	<b>P</b>	<b>F</b>
1.	RunDiceTest.java	Console opens and results for 100 games are displayed in it. Only the rolls are shown (i.e. only lines of the form, "Rolled DIE1, DIE2, DIE3" where DIE1, DIE2, and DIE3 are one of the available faces CROWN, ANCHOR, , HEART, DIAMOND, CLUB), no Spade is rolled.		
2.	Look at each individual line	There are at minimum two different rolls.		
3.	Repeat Steps 1-2 twice (for three runs total).	Same as Steps 1-2.		

Test Data Table					
	1	2	3	4	5
N/A					

## Results

### Run 1

```

<terminated> DiceTest.testDiceValues [JUnit] C:\Program Files\Java\jre1.8.0_111\bin\javaw.exe (15Oct,201
Test Dice random values
DIAMOND , DIAMOND , DIAMOND
CROWN , HEART , CLUB
HEART , DIAMOND , ANCHOR
HEART , ANCHOR , DIAMOND
CROWN , DIAMOND , DIAMOND
ANCHOR , DIAMOND , CLUB
DIAMOND , ANCHOR , ANCHOR
DIAMOND , HEART , CLUB
CROWN , CROWN , CLUB
CROWN , CROWN , HEART

```

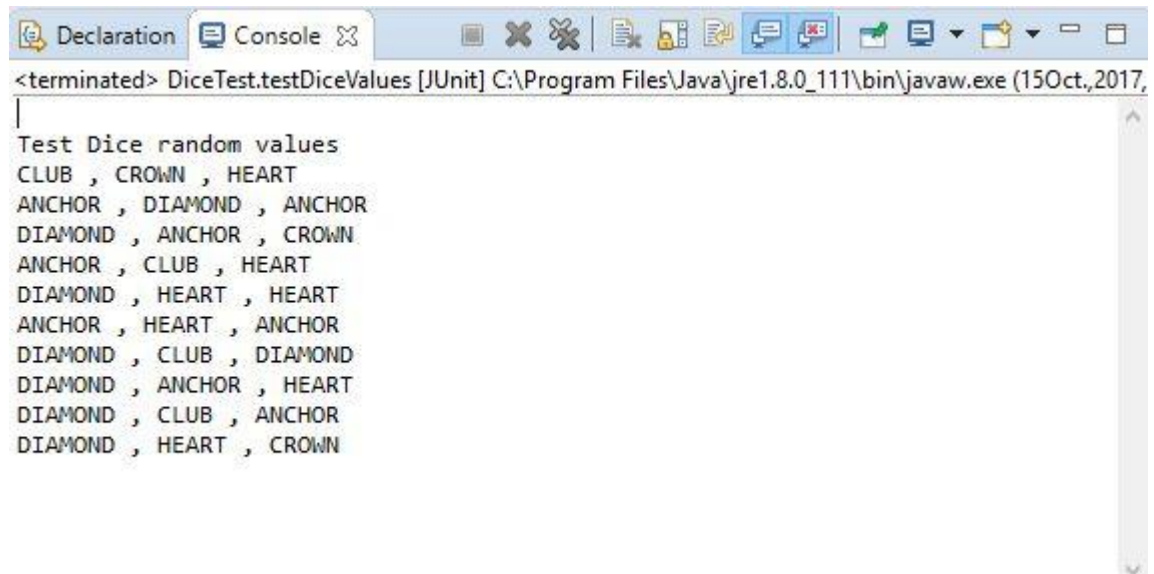
### Run 2

```

<terminated> DiceTest.testDiceValues [JUnit] C:\Program Files\Java\jre1.8.0_111\bin\javaw.exe (15Oct,2017,
Test Dice random values
ANCHOR , CROWN , ANCHOR
DIAMOND , DIAMOND , HEART
CLUB , CLUB , CLUB
CLUB , HEART , CLUB
CROWN , ANCHOR , CROWN
ANCHOR , DIAMOND , CROWN
DIAMOND , ANCHOR , HEART
HEART , CLUB , CLUB
DIAMOND , CLUB , HEART
CLUB , HEART , CLUB

```

### Run 3



The screenshot shows an IDE window with two tabs: 'Declaration' and 'Console'. The 'Console' tab is active, displaying the output of a Java test. The output starts with a status message indicating the test has terminated, followed by a series of 12 lines of random dice values. The values are combinations of CLUB, CROWN, HEART, and DIAMOND. The IDE window has a standard toolbar with icons for file operations, running, and debugging.

```
<terminated> DiceTest.testDiceValues [JUnit] C:\Program Files\Java\jre1.8.0_111\bin\javaw.exe (15Oct.,2017,  
|  
Test Dice random values  
CLUB , CROWN , HEART  
ANCHOR , DIAMOND , ANCHOR  
DIAMOND , ANCHOR , CROWN  
ANCHOR , CLUB , HEART  
DIAMOND , HEART , HEART  
ANCHOR , HEART , ANCHOR  
DIAMOND , CLUB , DIAMOND  
DIAMOND , ANCHOR , HEART  
DIAMOND , CLUB , ANCHOR  
DIAMOND , HEART , CROWN
```