Test Script: TestItem01	
UAT: Unconfirmed Bias	Date: 06/10/2017

Test Name	The win-to-loss ratio should approximately equal 0.42.
Use Case Tested:	Unconfirmed Bias
Test Description:	A player sits at the table, the player's bet is taken and the dice thrown on a round by round basis.
Pre-conditions	• A player. - 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: - 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. • Crown and Anchor games have an approximate 8% bias to the house. - the win : (win+lose) ratio should approximately equal 0.42.
Post-conditions	The win:loss ratio is printed when all games have finished (100 in number).

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Notes:	**An automated 'alpha' UAT.** **No direct user input required.** **The TestItem01 script is run ten times and the win-to-loss ratio average should confirm an 8% bias against the player.** **Results:** - **the average win-to-loss ratio was 0.43 (a 'close enough' result).**
Result (Pass/Fail/Warning/Incomplete)	**P**

	TEST RUN	EXPECTED TEST RESULTS	P	F
1.	Run the script *TestItem01* 10 times.	Average win-to-loss ratio = approx. 0.42	P	

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Test Run 1	**Console Output**
Result	Win count = 3493, Lose Count = 7161, 0.33 Win count = 3688, Lose Count = 7475, 0.33 Win count = 18087, Lose Count = 18167, 0.50 Win count = 17877, Lose Count = 17837, 0.50 Win count = 3307, Lose Count = 6940, 0.32 Win count = 3922, Lose Count = 7884, 0.33 Win count = 20048, Lose Count = 20248, 0.50 Win count = 20489, Lose Count = 20609, 0.50 Win count = 20583, Lose Count = 20463, 0.50 Win count = 19833, Lose Count = 19753, 0.50

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Result

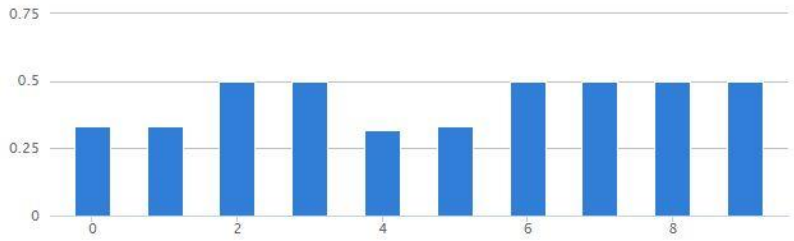
Mean, Median, Mode, Range Calculator

Result

Mean:	0.431
Median:	0.5
Range:	0.18
Mode:	0.50, appeared 6 times
Largest:	0.50
Smallest:	0.32
Sum:	4.31
Count:	10

Sorted Data Set: 0.50, 0.50, 0.50, 0.50, 0.50, 0.50, 0.33, 0.33, 0.33, 0.32

Column Chart of the Values



Please provide numbers separated by comma to calculate.

0.33,0.33,0.50,0.50,0.32,0.33,0.50,0.50,0.50,0.50

Calculate