



$$V(G) = E - N + 2$$

$$V(G) = 18 - 14 + 2 = 6$$

- Path 1: 1 - 2 - 3 - 5 - 6 - 8 - 9 - 7 - 4 - 14
 Path 2: 1 - 2 - 3 - 5 - 6 - 10 - 11 - 7 - 4 - 14
 Path 3: 1 - 2 - 3 - 5 - 6 - 12 - 13 - 7 - 4 - 14
 Path 4: 1 - 2 - 3 - 5 - 6 - 8 - 9 - 7 - 4 - 3 - ...
 Path 5: 1 - 2 - 3 - 5 - 6 - 10 - 11 - 7 - 4 - 3 - ...
 Path 6: 1 - 2 - 3 - 5 - 6 - 12 - 13 - 7 - 4 - 3 - ...

Individual Player Statistics Test			
Test Case	Test Parameters	Expected Output	Actual Output
1	1 Scorecard: Only Par 3s	Par 3 stats get calculated	Par 3 stats are the only ones that get calculated
2	1 Scorecard: Only Par 4s	Par 4 stats get calculated	Par 4 stats are the only ones that get calculated
3	1 Scorecard: Only Par 5s	Par 5 stats get calculated	Par 5 stats are the only ones that get calculated

4	Multiple Scorecards: Par 3s	Par 3 Scores from all scorecards get calculated	Par 3 scorecards get calculated
5	Multiple Scorecards: Par 4s	Par 4 Scores from all scorecards get calculated	Par 4 scorecards get calculated
6	Multiple Scorecards: Par 5s	Par 5 scores from all scorecards get calculated	Par 5 scorecards get calculated