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MP3 ScoreCard Test

3/5/14

**Test #1 ScoreAsNumber**

Purpose: Test the scoring method that scores all dice of one value

Test Datum 1: Scoring: (6) Dice: 5, 5, 6, 6, 1

Predicted Result: 12

Actual Result: 12

Test Datum 2: Scoring: (3) Dice: 3, 3, 3, 5, 1

Predicted Result: 9

Actual Result: 9

Test Datum 3: Scoring: (3) Dice: 3,3,3,3,3

Predicted Result: 15

Actual Result: 15

**Test #2 ScoreAsAKind**

Purpose: Test the scoring method for 3 and 4 of a kind

Test Datum 4: 3 of a kind Dice: 6,6,6,5,3

Predicted Result: 26

Actual Result: 26

Test Datum 5: 3 of a kind Dice: 5,4,2,1,2

Predicted Result: 0

Actual Result: 0

Test Datum 6: 4 of a kind Dice: 6,6,6,6,6

Predicted Result: 30

Actual Result: 30

Test Datum 7: 4 of a kind Dice: 5,6,6,6,6

Predicted Result: 29

Actual Result: 29

**Test #3 ScoreYahtzee**

Purpose: Test scoring of a Yahtzee

Test Datum 8: 6,6,6,6,6

Predicted Result: 50

Actual Result: 50

Test Datum 9: 6,6,3,6,6

Predicted Result: 0

Actual Result: 0

**Test #4 ScoreAsStraight**

Purpose: Test the scoring of small and large straights

Test Datum 10: Large Straight Dice: 2,1,5,4,3

Predicted Result: 40

Actual Result: 40

Test Datum 11: Small Straight Dice: 2,4,3,5,2

Predicted Result: 30

Actual Result: 30

Test Datum 12: No Straight Dice: 5,6,6,4,2

Predicted Result: 0

Actual Result: 0

Test Datum 13: Small Straight Dice: 2,1,3,2,4

Predicted Result: 30

Actual Result: 30

**Test #5 scoreFullHouse**

Purpose: Test to see if scorecard properly scores a full House

Test Datum 14: 2,2,6,6,6

Predicted Result: 25

Actual Result: 25

Test Datum 15: 3,5,5,3,3

Predicted Result: 25

Actual Result: 25

Test Datum 16: 2,5,1,6,5

Predicted Result: 0

Actual Result: 0

**Test #6 scoreChance**

Purpose: test scoring dice as their values, chance box

Test Datum 17: 1,3,5,5,6

Predicted Result: 20

Actual Result: 20

Test Datum 18: 2,5,5,1,1

Predicted Result: 14

Actual Result: 14

Test Datum 19: 6,6,3,6,6

Predicted Result: 27

Actual Result: 27









