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Project 1

Yahtzee Game

1. **Introduction**

Yahtzee is a fun dice game in which one player can play alone or many players can play together. This program allows player to play the game and record the score. The player also chooses to quit the game anytime they want.

1. **Game and rules**

Players have 5 dices to roll. Player with highest score wins. Players try to fulfill all 13 fields:

Score

1. Aces (#of one's) sum of dices with the number 1

2. Twos (# of two's) sum of dices with the number 2

3. Threes (# of three's sum of dices with the number 3)

4. Fours (# of four's) sum of dices with the number 4

5. Fives (# of five's) sum of dices with the number 5

6. Sixes (# of six's) sum of dices with the number 6

7. 3 of a kind sum of all dice

8. 4 of a kind sum of all dice

9. Full house score is 25

10.Small straight (sequence of 4) score is 30

11.Large straight (sequence of 5)- score is 40

12.Yahtzee (all five dice the same) score is 50

13.Chance (any combination) sum of all dice

Each player has 3 rolls when it’s their turn. After 3 rolls, the turns goes to next player.

1. **Summary of code**

Lines: 260

Varables: 20