

## Final Project Addenda

Saved By

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Groups

site

### Message

I need to add some updates about the final project and the rules of Yahtzee. First of all, the rules I am working from are list here: <https://www.dicegamedepot.com/yahtzee-rules/>

An important point is that the code should enforce and implement the rules. A user assigns a roll to a category by pressing the button for that category. The code should translate what appears on the dice to the score.

One of the clarifications about the rules is that the player can choose which of the 13 categories to assign the dice roll. A player can choose any unused category to assign the dice, even if that score results in a zero. The exception is the "Special Yahtzee Scoring" rule:

### Special Yahtzee Scoring

If a player rolls a Yahtzee on their turn but they have already filled in the Yahtzee category in a previous turn, then special scoring rules apply:

If the player has already filled in their Yahtzee box with a score of 50, they receive a Yahtzee bonus of 100 additional points. However, if their Yahtzee box was previously filled in with a score of zero then they don't receive the Yahtzee bonus.

The player then selects another category (other than the Yahtzee category) to score the dice as normal.

If the category in the Upper Section that corresponds to the numbers in the Yahtzee is unused, then the player must use that category. If the corresponding box in the Upper Section has been used already then the player may choose to score one of the unused boxes in the Lower Section. In this case, the Yahtzee that the player has rolled acts as a "Joker" so that it can be placed in the Full House, Small Straight, and Large Straight categories if the player so wishes, even though it may not meet the standard requirements for those categories.

If the player can't use a box in either the upper or Lower Section, they score zero points.

Furthermore, I've made a correction to the same screen layout, because i missed a category, as well as an indication of which round/roll you are on:

Game

Player Name:

Upper Section

Aces

Twos

Threes

Fours

Fives

Sixes

Score Subtotal

Bonus

Grand Total

☐ Keep

☐ Keep

☐ Keep

Lower Section

3 of a kind

4 of a kind

Full House

Small Straight

Large Straight

Yahtzee

Chance

Yahtzee Bonus

Total of lower section:

Grand Total:

☐ Keep

Turn: 1

Roll: 1

Roll

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