**CIS 1730 JavaScript Final Project Summary & Checklist**

**Final Project is due Sunday August 4th by 11:59pm.**

Pick a game from below (or create your own) and use JavaScript to develop it.

One and Done  
Number Guess  
Tic Tac Toe

It must include:

|  |  |  |
| --- | --- | --- |
| Data Validation of all fields (must have at least 3 fields). Such as player names, fields for guesses or entries… | 200 points |  |
| Game results display section. Such as player names, who the winner is, scores… | 300 points |  |
| Restart Button | 75 points |  |
| All code should be commented explaining how it functions. | 75 points |  |
| CSS/HTML that make the game look complete and user friendly. | 75 points |  |
| The game should work as expected. No errors or unexpected results. | 175 points |  |
| Total Points | 900 points |  |

URL where final is located: <http://abarraza24.sb.cis/1730/JavaScript1730/Tic_Tac_Toe_Alexis_Barraza/>

## Game Rules One and Done One and done is a simple math game. To play this dice game, you are going to need:

* 3 dice
* 2 players or more

The rules are fairly simple. If you get a 1, you are done.

1. Start with the oldest child.
2. They will roll the dice.
3. If they roll a 1, play moves to the next child.
4. If they don't get a 1, they write the number down and roll again. They will continue adding their rolls on the paper until they roll a 1.
5. First player to 75 wins.

**Number Guess**

Number Guess is a simple math game. To play this dice game, you are going to need:

* 2 players or more

The game will pick a number. Then the players try to guess it in the fewest number of guesses possible.

After every guess, the game will tell them whether their number is greater or less than their guess.

**Tic Tac Toe**

Tic Tac Toe is a simple well-known game. It is played by two players on a 3x3 grid.

Players get their own symbol, either X or O. They have to fill in a square with their symbol on the grid when it's their turn.

The goal of the game is to get three in a row. The first player to get three in a row wins.