## // Mario Valdez -- 12/7/20 -- CS7B -- WindowsFormTicTAC

**Introduction:** For this arduous project, I have to implement a 4x4 Tic Tac Toe video game using WindowsFormApplication in Visual Studio using the programming language C#. This also meant to be a reference for any future job interviews that may require an illustration of one's knowledge in C# and .Net Framework. The following contains screenshots of the form.cs code, as well as the possible results of many tic tac toe games. Each outcome shows a win from both X and O, how to win diagonally, and also what happens in the event of a draw.

Detailed Analysis and Summary: My work contains a lot of relatively fascinating concepts that are put to the test. There was ample usage of the Toolbox window in WindowsFormApp. The toolbox window is integral to getting the game to function and compile correctly. In the toolbox window, one has to select the option of menuStrip, and create a few more clones of that menuStrip to put onto the box in the form.cs design window for miscellaneous purposes. This allows edits in the box for user-friendly purposes, such as an about section and an option to reset the game after win, loss, or draw. For more efficiency, clicking on the design box and going to properties allows you to edit the names and events of the design box. Likewise, I used this ability to rename each button and resize it to the point where only O's and X's would appear. Furthermore, I categorized each row of buttons(which can also be taken from the toolbox), and renamed them in the rows of A1, B1, C1, etc. as to create organization in the forms.cs code.





















