Assignment 3: Tic Tac Toe

You will create a Matlab script to play Tic Tac Toe. You will need to automatically generate the computer player's moves.

Requirements:

1.) Comment section at the top with your name, date and a short description of what your code does.
2.) Welcome message for the user.
3.) Show game board.
4.) Prompt user for move.
5.) Display updated game board.
6.) Generate computer move.
7.) Keep going until there is a winner or no more available moves.
8.) Show final prompt with game result and a finishing message.
9.) You may NOT use loops.
10.) Once a space is taken, another player cannot move to that spot.

Bonus Requirements Challenge (Worth extra points if correct):

1.) Allow computer to go first (5 bonus points)
2.) Make computer impossible to beat (tie every time). (10 bonus points)