

Assignment 3: Tic Tac Toe

Due: September 27

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)