

# Tic Tac Toe

ECEN 330

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Several of the images from these slides come from:

<https://www.neverstopbuilding.com/minimax>

This website provides a a very good description of using minimax to implement a computer-player for Tic-Tac-Toe. We will use the approach from this website.

0	1	2
0,0	0,1	0,2
1,0	1,1	1,2
2,0	2,1	2,2

r, c

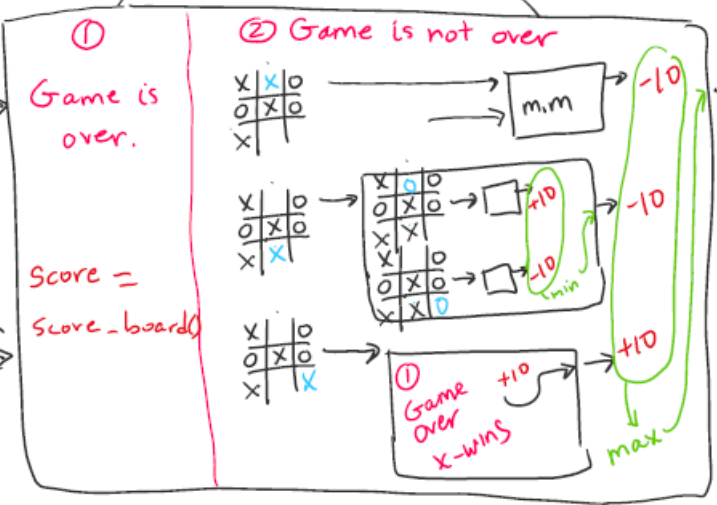


+10	X WINS
0	draw
-10	O WINS

\* Assuming both players play perfectly

X		O
O	X	O
X		O

board



current-player-is-X  
 True

move  
 (2,2)  
 (global variable)

Empty Board

O	O	O
O	O	O
O	O	O

X	+10	+10
+10	+10	+10
X	O	+10

(Already lost)

X	+10	+10
+10	+10	+10
X	O	O

(Knows it can win later)

