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In [ ]: #prints board
import numpy as np
def board(ele):
    print('
            0
                 1
                     2\n')
    print('0 ',ele[0][0],'|',ele[0][1],'|',ele[0][2])
    print('
              --+---')
    print('1 ',ele[1][0],'|',ele[1][1],'|',ele[1][2])
    print('
              --+---')
    print('2 ',ele[2][0],'|',ele[2][1],'|',ele[2][2])
b_content = [['0','0','0'],['0','0'],['0','0'],['0','0','0']]
board(b content)
#chooses random starting player
import random
message=print("selecting random player to start")
player=random.randint(1,2)
p1='x'
p2='o'
print('its '+str(player)+"'s turn")
#checks win conditions
def result(t,item):
    if(item[0][2] == item[2][0] == item[1][1]) and (item[0][2] == 'x' or ite
m[0][2] == 'o'):
         return t, 'wins'
    if(item[0][0] == item[1][1] == item[2][2]) and (item[0][0] == 'x' or ite
m[0][0] == 'o'):
         return t, 'wins'
    for i in range(len(item)):
         if item[i] == ['x', 'x', 'x'] or item[i] == ['0', '0', '0']:
             return t, 'wins
    item=np.array(item).T.tolist()
    for i in range(len(item)):
         if item[i] == ['x','x','x'] or item[i] == ['o','o','o']:
            return t, 'wins'
    return 0,0
#turn based input/output
turn = player
t turns = 0
while t turns < 9:</pre>
    print(turn, 'enter your position')
    try:
         row = int(input())
         col = int(input())
    except:
        print('make sure to enter row index followed by column index')
         if b_content[row][col] == 'x' or b_content[row][col] == 'o':
            print('position occupied')
         else:
             if turn == 1:
                 b_content[row][col] = 'x'
                 a,b = result(turn,b content)
                 if b == 'wins':
                     print(a,'wins')
                     break
                 turn = 2
             elif turn == 2:
                 b content[row][col] = 'o'
                 a,b = result(turn,b content)
                 if b == 'wins':
                     print(a,'wins')
                     break
                 turn = 1
    except:
        print('invalid index')
    board(b_content)
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