FinshedWorkingVersion

February 18, 2018

1 Tic Tac Toe

2 My Code

3 Finished Working Version 3

```
diag1 = set([board[0][0], board[1][1], board[2][2]])
    diag2 = set([board[0][2], board[1][1], board[2][0]])
    if len(diag1)==1 or len(diag2)==1 and board[1][1]!=0:
        return board[1][1]
    return "No One"
if __name__=="__main__":
   Continue='yes'
    count_x=0
    count_o=0
    while Continue!='no':
        board=[[" "," "," "], [" "," "," "], [" "," "," "]]
        drawboard(board)
        count = 0
        chance = True
        while chance:
            spot = input("Enter the row,column in same format as given: ")
            spot = spot.split(",") #gives strings
            horizontal = int(spot[0]) -1
            vertical = int(spot[1]) -1
            if count%2==0:
                print ("\nPlayer 1 chance!")
                if board[horizontal][vertical] == " ":
                    board[horizontal][vertical] = 'X'
                else:
                    print ("Already Filled. Try Again!")
                    count-=1
                drawboard(board)
            else:
                print ("\nPlayer 2 chance!")
                if board[horizontal][vertical] == " ":
                    board[horizontal][vertical]='0'
                    print ("Already Filled. Try Again!")
                    count-=1
```

```
drawboard(board)
        count+=1
        if " " in board[0] or " " in board[1] or " " in board[2]:
            chance = True
        else:
            chance = False
            print ("Chances Over!")
        if Winner(board) == 'X':
            print ("Winner is ", Winner(board))
            count_x+=1
            break
        elif Winner(board) == '0':
            print ("Winner is ", Winner(board))
            count_o+=1
            break
        else:
            print ("No winner yet! Carry on.")
    Continue=input("Do you want to play again (y/n): ")
print ("Thank you for playing!")
print ("Score is... \nPlayer 1: %s \nPlayer 2: %s"%(count_x, count_o))
```