**Announcements**

Reminders:

Program 7 has been assigned – due Tuesday, November 18th by 11:55pm

---

**Tic-Tac-Toe**

- Two player game, X and O
- Take turns marking the spaces in a 3x3 grid.
- The player who succeeds in placing three respective marks in a horizontal, vertical, or diagonal row wins the game

---

**Code for Printing Board**

```python
def main():
    grid = [[0, 0, 0], [0, 0, 0], [0, 0, 0]]
    print_board(grid)

def print_board(board):
    for row in range(len(board)):
        for col in range(len(board[row])):
            if board[row][col] == 1:
                print("X", end=" ")
            elif board[row][col] == 0:
                print("O", end=" ")
            else:
                print("-", end=" ")
        print()

main()
```
What other functions do we need?

• Think about the following:
  – How do moves get saved on our board?
  – How to determine if the game is over?
  – Can we make helper functions for the winning scenario functions?