

Write these functions for tic-tac-toe, assuming a board is stored as a 3 by 3 grid of numbers.

```
def print_board(board):
```

Prints a 3 by 3 tic tac toe board using X's and O's. (don't return anything)

```
def make_move(board, row, col, xo):
```

Makes a move on the board. The xo parameter will be either 1 for X, or -1 for O. (returns nothing)

```
def add_row(board, r):
```

Calculates AND RETURNS the sum of all the items in row r of the board.

```
def add_column(board, c):
```

Calculates AND RETURNS the sum of all the items in column c of the board.

```
def x_wins(board):
```

Returns True if player X has won the game, False otherwise.

Hint: use calls to add_row and add_column to check each row and column. (You'll also need to check the diagonals separately).

```
def o_wins(board):
```

Returns True if player O has one the game, False otherwise.

```
def tie(board):
```

Returns True if there's a tie (all squares are filled and nobody has won).

Write a main function to play the game.