1. Write an X’s and O’s game in C++ (example output given below).

Notes:

* Code for 2 players
* Use a 2D array to store the board state
* The following methods may be useful:
  + printState()
    - pass in array
    - prints the state of the board
  + makeMove()
    - pass in the array, square number and reference to player
    - return 0 if move valid; 0 if invalid
  + checkWin()
    - pass in array
    - method should check for every possible winning combination and return 1 if there’s a win, 0 if it’s a draw and -1 otherwise (game not finished)

Sample output on next page/…

