```
import java.util.Random;
public class TicToe {
   public static void main(String[] args) {
       PrintBoard(board);
           if (winners(board)) {
           PrintBoard(board);
           computerTurn(board);
           if (winners(board))
          PrintBoard(board);
   private static void PrintBoard(char[][] board) {
board[0][2]);
board[1][2]);
       System.out.println(board[2][0] + "|" + board[2][1] + "|" +
board[2][2]);
               board[0][0] = symbol;
               board[0][2] = symbol;
               board[1][0] = symbol;
```

```
int computerMove;
    computerMove = rand.nextInt(9) + 1;
    if (isValidMove(board, Integer.toString(computerMove))) {
System.out.println("computer move -> " + computerMove);
moves(board, Integer.toString(computerMove), '0');
Scanner sc = new Scanner(System.in);
String position;
    System.out.println("where would you like to move ? from (1 -9");
    position = sc.next();
    if (isValidMove(board, position)) {
System.out.println("player move -> " + position);
moves(board, position, 'x');
```

```
private static boolean isValidMove(char[][] board, String position) {
       switch (position) {
               return (board[2][1] == ' ');
               System.out.println("wrong move");
  private static boolean requirementsOfWin(char[][] board, char symbol) {
symbol) ||
== symbol) ||
== symbol) ||
== symbol) ||
== symbol)
== symbol) ||
```

```
static boolean winners(char[][] board) {

    if (requirementsOfWin(board, 'x')) {
        PrintBoard(board);
        System.out.println("player win");
        return true;
    }

    if (requirementsOfWin(board, '0')) {
        PrintBoard(board);
        System.out.println("computer win");
        return true;
    }

    for (int i = 0; i < board.length; i++) {
        for (int j = 0; j < board[i].length; j++) {
            if (board[i][j] == ' ') {
                return false;
            }
        }
        PrintBoard(board);
        System.out.println("Game is tie");
        return true;
    }
}
</pre>
```