```java
package com.company;

import java.util.Arrays;
import java.util.Scanner;

class OX {
    private final char[] player = new char[2];
    private final char[][] board_array = new char[3][3];
    private int turn_count;

    public OX() {
        this.player[0] = 'O';
        this.player[1] = 'X';
        this.turn_count = 0;
        for (int i = 0; i < 3; i++) {
            for (int j = 0; j < 3; j++) {
                this.board_array[i][j] = ' ';
            }
        }
    }

    public void add_position(int pos) {
        int x = (pos - 1) % 3; // input 2 | x = 1
        int y = (pos - 1) / 3; // y = 0
        if (this.board_array[y][x] == ' ') {
            this.board_array[y][x] = this.player[0];
            this.turn_count++;
            this.change_player();
        } else
            System.out.println("Can not put mark on same position");
    }

    public void change_player() {
        char swapplayer = this.player[0]; // swapplayer = O
        this.player[0] = this.player[1]; // player[0] = O --> X ,
player[1] = X
        this.player[1] = swapplayer; // player[1] = X --> O
    }
    public boolean[] check_winner() {
        char[] check_list2 = new char[3];
        char[] check_list3 = new char[3];
        boolean[] result = {false, false}; //[0] เพื่อหยุดการทำงาน , [1] แสดง
ว่าเสมอ
        char[] listofO = {'O', 'O', 'O'};
        char[] listofX = {'X', 'X', 'X'};
        for (int i = 0; i < 3; i++) {
            check_list2[i] = this.board_array[i][i];
            check_list3[i] = this.board_array[i][2 - i];
            for (int j = 0; j < 3; j++) {
                if (Arrays.equals(this.board_array[j], listofO) ||
Arrays.equals(this.board_array[j], listofX)) {
                    result[0] = true;
                    return result;
                }
            }
            if (this.board_array[0][0] == this.board_array[1][0]
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                        && this.board_array[1][0] == this.board_array[2]
[0] && this.board_array[0][0] != ' ') {
                result[0] = true;
                return result;
            }
            else if (this.board_array[0][1] == this.board_array[1][1]
                    && this.board_array[1][1] == this.board_array[2]
[1] && this.board_array[0][1] != ' ') {
                result[0] = true;
                return result;
            }
            else if (this.board_array[0][2] == this.board_array[1][2]
                    && this.board_array[1][2] == this.board_array[2]
[2] && this.board_array[0][2] != ' ') {
                result[0] = true;
                return result;
            }
        }
        if (Arrays.equals(check_list2, listofX) ||
Arrays.equals(check_list2, listofO)) {
            result[0] = true;
            return result;
        }
        if (Arrays.equals(check_list3, listofX) ||
Arrays.equals(check_list3, listofO)) {
            result[0] = true;
            return result;
        }
        if (this.turn_count == 9) {
            result[0] = true;
            result[1] = true;
            return result;
        }
        return result;
    }

    public void display_board() {
        System.out.println(board_array[0][0] + " | " + board_array[0]
[1] + " | " + board_array[0][2]);
        System.out.println(board_array[1][0] + " | " + board_array[1]
[1] + " | " + board_array[1][2]);
        System.out.println(board_array[2][0] + " | " + board_array[2]
[1] + " | " + board_array[2][2]);
    }

    public static void main(String[] args) {
        OX game_ox = new OX();
        game_ox.display_board();
        while (!game_ox.check_winner()[0]) {
            try {
                System.out.println("This is " + game_ox.player[0] + "
turn");
                System.out.print("Please enter your position : ");
                Scanner scanner = new Scanner(System.in);
                String userinput = scanner.next();
                int pos = Integer.parseInt(userinput);
                game_ox.add_position(pos);
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                game_ox.display_board();
            } catch (Exception e) {
                System.out.println("Please enter 1-9");
                game_ox.display_board();
            }
        }
        if (game_ox.check_winner()[1]){
            System.out.println("DRAW");
        }
        else
            System.out.println(game_ox.player[1] + " is the winner");
    }
}
```