```
Machester United vs Liverpool the winner is Machester United via penalty shootout.

Enter goals in match: 5

Enter goals in extra time: 5

Enter goals in match: 5

Enter goals in extra time: 5

Enter goals in extra time: 5

Enter goals in penalty shoot out: 5

Team1 vs Team2 has ended in a tie.

Total teams created: 4
```

```
public class DisplaySoccerGameResults {
    public static void main(String[] args) {
        // Create 2 teams and compare and print them using the SoccerGameResults class.
        SoccerGameScoreBoard machesterUnited = new SoccerGameScoreBoard( teamName: "Machester United", goalsInMatch: 3, goalsInExtraTime: 1, goalsInPenaltyShootOut: 5);
        SoccerGameScoreBoard liverpool = new SoccerGameResults(machesterUnited, liverpool", goalsInMatch: 5, goalsInExtraTime: 1, goalsInPenaltyShootOut: 4);
        SoccerGameResults results = new SoccerGameResults(machesterUnited, liverpool);
        SoccerGameResults.printResults(results);

        // Create 2 new teams and compare and print them using the SoccerGameResults class.

        SoccerGameScoreBoard team1 = new SoccerGameScoreBoard( teamName: "Team1");
        SoccerGameResults results1 = new SoccerGameResults(team1, team2);
        SoccerGameResults results1 = new SoccerGameResults(team1, team2);
        SoccerGameResults.printResults(results1);

        //Print the total teams created.
        System.out.println("Total teams created: " + SoccerGameScoreBoard.getCountTeams());
}
```

```
public class SoccerdameRecordeard team;
private final SoccerdameRecordeard team;
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private String stanceTeam;
private boolean islie = false;

// Main function that acts as driver code to determine which team won.
public SoccerdameRecordeard team;

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// First check if the goals equal each other which signifies a possible tie.

// First check if the goals equal each other which signifies a possible tie.

// Check if one teams total goals was greater than the other teams total goals.

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private void setWinner(boolean wasTeam1) {
                if (wasTeam1) {
                    this.winnerTeam = team1.getTeamName();
                    this.loserTeam = team2.getTeamName();
                } else {
                    this.winnerTeam = team2.getTeamName();
                    this.loserTeam = team1.getTeamName();
97 🔾 🖯
           private enum WinType {
                FLAT_WIN() {
                   @Override
                   public String toString() { return ""; }
                EXTRA_TIME() {
                   @Override
                   public String toString() { return "via extra time"; }
                PENALTY_SHOOTOUT() {
                   public String toString() { return "via penalty shootout"; }
```

```
package HW3;
public class SoccerGameScoreBoard {
   private final String teamName;
   private final int goalsInMatch;
   public SoccerGameScoreBoard(String teamName) {
       this(teamName, getInt( q: "goals in match"), getInt( q: "goals in extra time"), getInt( q: "goals in penalty shoot out"));
    public SoccerGameScoreBoard(String teamName, int goalsInMatch, int goalsInExtraTime, int goalsInPenaltyShootOut) {
       this.teamName = teamName;
        this.goalsInMatch = goalsInMatch;
       this.goalsInExtraTime = goalsInExtraTime;
       this.goalsInPenaltyShootOut = goalsInPenaltyShootOut;
    public String toString() {
                 + goalsInExtraTime + ", goalsInPenaltyShootOut=" + goalsInPenaltyShootOut + "]";
    private static int getInt(String q) {
        Scanner s = new Scanner(System.in);
        System.out.print("Enter " + q + ": ");
    public String getTeamName() {
    public int getGoalsInMatch() { return goalsInMatch; }
    public int getGoalsInExtraTime() { return goalsInExtraTime; }
    public int getGoalsInPenaltyShootOut() { return goalsInPenaltyShootOut; }
    public static int getCountTeams() { return countTeams; }
```