Homework 2

Description

In this homework, you need to query SQL to answer following question. Please upload pdf file to e-Campus and name your file 'Group1_xxxxx', xxxxx is your student ID. The pdf file must contains your name, your student ID and the answers of each question which includes the SQL and the result (you can screenshot your result).

Data

[Lahman's Baseball Database](#)
The database contains complete batting and pitching statistics from 1871 to 2016, plus fielding statistics, standings, team stats, managerial records, post-season data, and more. For more details, please [read the documentation](#).

Please download the 2016 version.

Questions

1. How many plays are recorded in the database?（總共有多少球員被記錄在這個資料庫裡？）
2. How many countries do the players come from?（這些球員分別來自多少國家？）
3. List yearID and playerID who hit the home run between 50 and 60.（列出全壘打在50到60之間的球員和年份）
4. How many parks whose name contains 'Stadium' are recorded?（球場名稱中有「Stadium」這個字的球場有幾個？）
5. How long is the player's career?（球員生涯大約都幾年？）
6. Find the players' schools who made their debut at May 2000.（在2000年5月初登場的球員分別在哪些學校打過球？）
7. How much is the highest and average salary in each year?（每年平均與最高薪的薪水是多少？）
8. In the previous question, who are those highest paid players in each year?（接前一題，這些最高薪球員分別是誰？）
9. List the salary and the player that is the highest paid player whose team win the World Series and the highest paid player in Boston Red Sox duaring the Curse of the Bambino.（列出貝比魯斯魔咒期間世界大賽贏家的最高薪球員和當年度波士頓紅襪隊的最高薪球員和他們的年薪）
10. Why Ichiro Suzuki is a good player? Answer by your own view.（鈴木一朗為什麼是好球員？此為開放式問題，列出你的觀察）

11. Bonus. Find some meaningful, useful or interesting fact about this data and explain your result.（找一個有趣的問題回答並解釋）