1. How many players are in Baseballs players table?

select count(\*) Players from players

amount = 18,846

1. How many players were born in the city of Portland, OR?

select count(\*) Players from players

where birthCity = 'Portland' and birthState = 'OR'

amount = 58

1. How many left handed players that weigh more than 200 pounds were born in Texas?

select count(birthState) '200lbs+ Left Handed TX Players' from players

where weight >= 200 and birthState = 'TX' and bats = 'L'

total = 74

1. How many players that we know are deceased had a final game before 1/1/1900?

select count(finalGameDate) 'Final Game' from players

where deathDate <= 1/1/1900

amount = 258

1. How many players were born and died in the State of Washington?

select count(\*)'WA Player Death' from players

where birthState = 'wa' and deathState = 'wa'

amount = 27

1. Using the Salaries table, how many players ,what was the total payroll AND average salary of the Seattle Mariners (SEA) in 2010?

select sum(salary) 'totalSalary', avg(salary) 'avgSalary' from Salaries

where teamID='sea'

total salary = 1795352131 and average salary = 2068378.03110599

1. Using the salaries table, how many years of salary data are maintained by the Mariners? (Hint: <https://www.w3resource.com/sql/aggregate-functions/count-with-distinct.php>).

select count(distinct yearID) 'yearsCollected' from Salaries

where teamID= 'sea'

1. How many donations were made from Spokane, WA?

select count(city)'Spokane Total Donations' from tblDonations

where city = 'spokane' and state = 'wa'total

donations = 1118

1. What was the average donation made from the zip code where you reside?

select avg(don\_amount) 'avgDonation' from tblDonations

where zip = '83815'

avg donation = $396

1. Whose city had a larger number of donations (2 statements), Los Angeles or New York?

select count(city)'Los Angeles Donations' from tblDonations

where city = 'los angeles'

select count(city)'NYC Donations' from tblDonations

where city = 'new york'

NYC with 34997.

1. What is the hottest and coldest temperatures recorded in Spokane (single statement)?

select max(RecHi) 'Hottest Tempature', min(RecLo)'Coldest Tempature' from Spokane2017

hottest = 108 coldest = -30

1. What is the overall average daily temperature in Spokane? (mean daily mean)

select avg(mean) 'avgMean' from Spokane2017

avg daily temperature = 48

1. What is the record low, record high, average low and average high for the date you are completing this problem?

select min(recLo)'Record Low',max(recHi) 'Record High', avg(avgLo) 'Average Low',avg(avgHi) 'Average High' from Spokane2017

where day = '11' and month = '2'

Record Low = -14, Record High = 53, Average Low = 25, Average High = 38.

1. How many record lows were recorded in the year 1888? Be careful and test your results.

select count(RecLoYr)'Record Low in 1888' from Spokane2017

where RecLoYr = '1888'

Was recorded 7 times.

1. What is the most recent year that a record high was recorded?

select max(RecHiyr)'Most Recent Record' from Spokane2017

Recent recording was 2007.

1. Which Mariner (just PlayerID) had the greatest salary in 2012? Hint: First find the greatest Mariner salary for 2012. Then find the PlayerID with the salary for that year. If you watch the course videos you know how to now combine them into a single statement.

select \* from Salaries

where yearID = '2012' AND salary =(select max(salary) from Salaries

where yearID = '2012' and teamID ='SEA')

1. Which players, without a date of death, have exactly the same weight as the all-time average for baseball?

select \* from players

where deathDate is null and weight=(select avg(weight)'Weight' from players

where deathDate is null and weight = '185')

1. Who tends to weigh more, domestic born or foreign born players? (Hint: Remember what happens when you perform ***SELECT 7-6***?)

select avg(weight) 'avgUSAPlayerWeight',(select avg(weight) from Players where not birthCountry='usa') 'avgForeginPlayerWeight'

from players

where birthcountry='usa'