2 - Write a query that returns the namefirst and namelast fields of the people table, along with the inducted field from the hof\_inducted table. All rows from the people table should be returned, and NULL values for the fields from hof\_inducted should be returned when there is no match found.

Select namefirst, namelast, inducted

FROM people

LEFT JOIN hof\_inducted

ON people.playerid = hof\_inducted.playerid

3 - In 2006, a special Baseball Hall of Fame induction was conducted for players from the negro baseball leagues of the 20th century. In that induction, 17 players were posthumously inducted into the Baseball Hall of Fame. Write a query that returns the first and last names, birth and death dates, and birth countries for these players. Note that the year of induction was 2006, and the value for votedby will be “Negro League.”

Select namelast,birthyear,deathyear,birthcountry

FROM people

LEFT JOIN hof\_inducted

ON people.playerid = hof\_inducted.playerid

WHERE votedby='Negro League' and yearid=2006

4 - Write a query that returns the yearid, playerid, teamid, and salary fields from the salaries table, along with the category field from the hof\_inducted table. Keep only the records that are in both salaries and hof\_inducted. Hint: While a field named yearid is found in both tables, don’t JOIN by it. You must, however, explicitly name **which** field to include.

Select salaries.yearid, salaries.playerid ,teamid, category

From salaries

INNER JOIN hof\_inducted

ON salaries.playerid=hof\_inducted.playerid

5- Write a query that returns the playerid, yearid, teamid, lgid, and salary fields from the salaries table and the inducted field from the hof\_inducted table. Keep all records from both tables.

elect salaries.yearid, salaries.playerid ,teamid, lgid, inducted

From salaries

JOIN hof\_inducted

ON salaries.playerid=hof\_inducted.playerid

6 - There are 2 tables, *hof\_inducted* and *hof\_not\_inducted*, indicating successful and unsuccessful inductions into the Baseball Hall of Fame, respectively.

1. Combine these 2 tables by all fields. Keep all records.
2. Get a distinct list of all player IDs for players who have been put up for HOF induction.

??????????

Don’t understand question

7 - Write a query that returns the last name, first name (see people table), and total recorded salaries for all players found in the salaries table.

SELECT namelast, namefirst,salary

from people, salaries

where people.playerid=salaries.playerid

8 -Write a query that returns all records from the hof\_inducted and hof\_not\_inducted tables that include playerid, yearid, namefirst, and namelast. Hint: Each FROM statement will include a LEFT OUTER JOIN!

Select people.playerid, hof\_inducted.yearid, hof\_not\_inducted.yearid, namefirst, namelast

FROM people

LEFT JOIN hof\_inducted

ON people.playerid=hof\_inducted.playerid

LEFT JOIN hof\_not\_inducted

ON people.playerid=hof\_not\_inducted.playerid

THIS IS NOT CORRECT

9 - Return a table including all records from both hof\_inducted and hof\_not\_inducted, and include a new field, namefull, which is formatted as namelast , namefirst (in other words, the last name, followed by a comma, then a space, then the first name). The query should also return the yearid and inducted fields. Include only records since 1980 from both tables. Sort the resulting table by yearid, then inducted so that Y comes before N. Finally, sort by the namefull field, A to Z.

10 - Write a query that returns the highest annual salary for each teamid, ranked from high to low, along with the corresponding playerid. Bonus! Return namelast and namefirst in the resulting table. (You can find these in the people table.)

WITH maxy AS

(

SELECT max(salary)as max\_salary , teamid, yearid

FROM salaries

GROUP BY teamid, yearid

)

--select \* from maxy

select salaries.teamid, playerid, maxy.max\_salary

from maxy

left outer join salaries

ON maxy.max\_salary=salaries.salary and maxy.teamid=salaries.teamid and maxy.yearid=salaries.yearid

group by maxy.teamid, salaries.playerid

order by maxy.teami

QUESTION IS AMBIGUOUS!!!!!!!! And not complete—needs order by

11 - Select birthyear, deathyear, namefirst, and namelast of all the players born since the birth year of Babe Ruth (playerid = ruthba01). Sort the results by birth year from low to high.

select birthyear, namefirst, namelast

from people

where birthyear>

(SELECT birthyear

FROM people

where playerid='ruthba01')

order by birthyear

12 - Using the people table, write a query that returns namefirst, namelast, and a field called usaborn where. The usaborn field should show the following: if the player's birthcountry is the USA, then the record is 'USA.' Otherwise, it's 'non-USA.' Order the results by 'non-USA' records first.

select namefirst, namelast,

CASE

WHEN birthcountry='USA' then 'USA'

ELSE 'non-USA'

END

FROM people

ORDER BY 3

13 - Calculate the average height for players throwing with their right hand versus their left hand. Name these fields right\_height and left\_height, respectively.

select round(avg(height)), throws,

CASE

when throws='R' then 'right-hand'

when throws='L' then 'left-hand'

END

from people

where throws in ('L','R')

group by throws

14 - Get the average of each team's maximum player salary since 2010. Hint: WHERE will go inside your CTE.

with temp as

(SELECT max(salary), yearid, teamid

from salaries

where yearid>2010

group by teamid,yearid

order by teamid,yearid)

select round(avg(max)),teamid

from temp

group by teamid

order by teamid