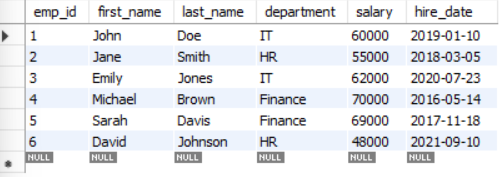
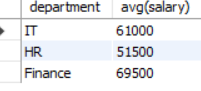
**ASSIGNMENT\_3rd**



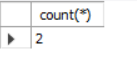
### 1. Find the average salary of employees in each department:

Ans:- select department, avg(salary) from ass\_3 group by department;



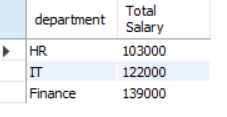
### 2. Find the total number of employees hired after 2019:

Ans:- select count(\*) from ass\_3 where hire\_date>"2019-12-31";



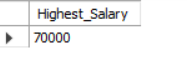
### 3. Query is to find total salary of each department and ordered them:

Ans:- Select distinct department , sum(salary) as "Total Salary" from ass\_3 group by department order by sum(salary) ;



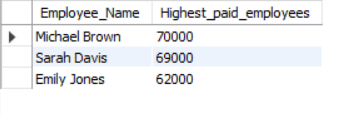
### 4. Query is to find the highest salary in the finance departemnt:

Ans:- Select max(salary) as "Highest\_Salary" from ass\_3 where department="Finance";



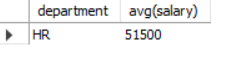
### 5. Query is to get highest paid employees:

Ans:- Select concat(first\_name," ",last\_name) as Employee\_Name, salary as "Highest\_paid\_employees" from ass\_3 order by salary desc limit 3;



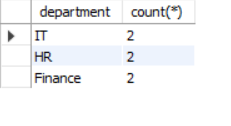
### 6. Query is to find department with min average salary:

Ans:- Select department ,avg(salary) from ass\_3 group by department order by avg(salary) asc limit 1;



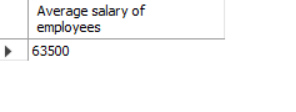
### 7. Query is to display total no of employees of each department ordered by employees:

Ans:- Select distinct department ,count(\*) from ass\_3 group by department order by count(\*);



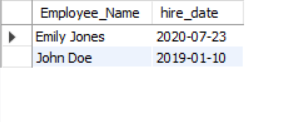
### 8. Query is to find average salary of employees who hired before 2020:

Ans:- Select avg(salary) as "Average salary of employees" from ass\_3 where hire\_date<"2020-01-01" ;



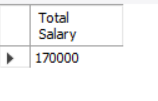
### 9. List the names of employees in the IT department ordered by hire date, with the most recently hired employees first:

Ans:- Select concat(first\_name," ",last\_name) AS Employee\_Name ,hire\_date from ass\_3 where department = "IT" order by hire\_date desc;



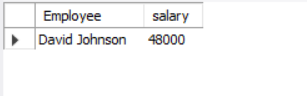
### 10. Query is to find sum of salaries of all employees hired after January 01 2019 and ordered them by their salary:

Ans:- Select sum(salary) AS "Total Salary" from ass\_3 where hire\_date>"2019-01-01" order by salary;



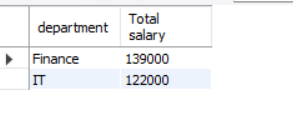
### 11. Query is to get all the employees with the lowest salary in HR department:

Ans:- Select concat(first\_name," ",last\_name) AS Employee ,salary from ass\_3 where department = "HR" order by salary limit 1;



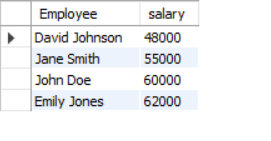
### 12. Query is to find the total salary paid to employees of each department but limit the results and show top 2 highest paying departments :

Ans:- Select department, sum(salary) as "Total salary" from ass\_3 group by department order by sum(salary) desc limit 2;



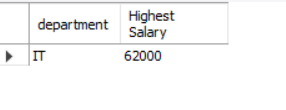
### 13. Query is to show all employees hired after 2018, ordered by salary and show only first 4 :

Ans:- Select concat(first\_name," ",last\_name) AS Employee, salary from ass\_3 where hire\_date>2018-12-31 order by salary limit 4;



### 14. Query is to find the highest salary in the IT department, but limit the results to the top 1 result:

Ans:- Select department, max(salary) as "Highest Salary" from ass\_3 where department="IT";



### 15. Query is to get the average salary of employees in each department and list only department with an avg salary greater than 60000:

Ans:- Select department, avg(salary) as "Average salary" from ass\_3 group by department having avg(salary)>60000;

