1. Write a query to display the name (first name and last name) for those employees who gets more salary than the employee whose ID is 163.

Ans :

SELECT first\_name,

last\_name

FROM employees

WHERE salary > (SELECT salary

FROM employees

WHERE employee\_id = 163);

1. Write a query to display the name (first name and last name), salary, department id, job id for those employees who works in the same designation as the employee works whose id is 169.

Ans

SELECT first\_name,

last\_name,

salary,

department\_id,

job\_id

FROM employees

WHERE job\_id = (SELECT job\_id

FROM employees

WHERE employee\_id = 169);

3.Write a query to display the employee id, employee name (first name and last name) for all employees who earn more than the average salary.

SELECT employee\_id,

first\_name,

last\_name

FROM employees

WHERE salary > (SELECT AVG(salary)

FROM employees);

4.Write a query to display the employee name (first name and last name), employee id and salary of all employees who report to Payam.

SELECT first\_name,

last\_name,

employee\_id,

salary

FROM employees

WHERE manager\_id = (SELECT employee\_id

FROM employees

WHERE first\_name = 'Payam');

5. Write a query to display all the information of an employee whose salary and reporting person id is 3000 and 121, respectively.

SELECT \*

FROM employees

WHERE salary = 3000.00

AND manager\_id = 121;

6. Display all the information of an employee whose id is any of the number 134, 159 and 183.

SELECT \*

FROM employees

WHERE employee\_id IN (134, 159, 183);

7.Write a query to display all the information of the employees whose salary is within the range 1000 and 3000.

SELECT \*

FROM employees

WHERE salary BETWEEN 1000.00 AND 3000.00;

8. Write a query to display all the information of the employees whose salary is within the range of smallest salary and 2500.

SELECT \*

FROM employees

WHERE salary BETWEEN (SELECT MIN(salary)

FROM employees) AND 2500.00;

9. Write a query to display all the information of the employees who does not work in those departments where some employees works whose manager id within the range 100 and 200.

SELECT \*

FROM employees

WHERE department\_id NOT IN (SELECT department\_id

FROM departments

WHERE manager\_id BETWEEN 100 AND 200);

10. Write a query to display all the information for those employees whose id is any id who earn the second highest salary.

SELECT \*

FROM employees

WHERE employee\_id IN (SELECT employee\_id

FROM employees

WHERE salary IN (SELECT MAX(salary)

FROM employees

WHERE salary < (SELECT MAX(salary)

FROM employees)));

11. Write a query to display the employee name (first name and last name) and hire date for all employees in the same department as Clara. Exclude Clara.

SELECT first\_name,

last\_name,

hire\_date

FROM employees

WHERE department\_id = (SELECT department\_id

FROM employees

WHERE first\_name = 'Clara')

AND first\_name != 'Clara';

12. Write a query to display the employee number and name (first name and last name) for all employees who work in a department with any employee whose name contains a T.

SELECT employee\_id,

first\_name,

last\_name

FROM employees

WHERE department\_id IN (SELECT department\_id

FROM employees

WHERE first\_name LIKE '%T%');

13 .Display the employee name (first name and last name), employee id, and job title for all employees whose department location is Toronto. \*/

SELECT first\_name,

last\_name,

employee\_id,

job\_id

FROM employees

WHERE department\_id IN (SELECT department\_id

FROM departments

WHERE location\_id IN (SELECT location\_id

FROM locations

WHERE city = 'Toronto'));