

Assignment_4_MYSQL

Use hr_db database.

1. Write a query to find the name (first_name, last_name) and the salary of the employees who have a higher salary than the employee whose last_name='Peter'

Query - `select first_name , last_name , salary from employees where salary > 'Peter';`

2. Write a query to find the name (first_name, last_name) and the salary of the employees who have a higher salary than their manager.

Query - `select first_name , last_name , salary from employees where salary > '16000';`

3. Write a query to find the name (first_name, last_name) of all employees who works in the IT department along with their manager name;

Query - `select first_name , last_name , manager_id , department_name from departments join employees using (manager_id); # No manager_name column found.`

4. Write a query to find the name (first_name, last_name), and salary of the employees whose salary is equal to the minimum salary for their job grade.

Query - `select first_name , last_name , salary , min_salary
from jobs join employees using (job_id) where salary =
min_salary;`

5. Write a query to find the name (first_name, last_name), and salary of the employees who earns more than the average salary and works in any of the IT departments.

Query - `select first_name , last_name , salary ,
department_id from employees join departments using
(department_id) where department_id = '60'
and salary > (select avg('salary') from employees);`

6. Write a query to find the name (first_name, last_name), and salary of the employees who earn the same salary as the minimum salary for all departments.

Query - `select first_name , last_name , salary ,
department_id from employees join departments using
(department_id) where salary = (select min('salary') from
employees);`

7. Write a query to find the name (first_name, last_name) and salary of the employees who earn a salary that is higher than the salary of all the Shipping Clerk (JOB_ID = 'SH_CLERK'). Sort the results of the salary of the lowest to highest.

Query - `select first_name , last_name , salary , job_id from employees`

`where salary > all (select salary from employees where job_id = 'SH_CLERK') order by salary;`

8. Write a query to display the employee ID, first name, last name, salary of all employees whose salary is above average for their departments.

Query - `select employee_id , first_name , last_name , salary from employees where salary > (select avg(salary) from employees);`

9. Write a query to find the 5th maximum salary in the employees table.

Query - `SELECT DISTINCT salary from employees e1 where 5 = (SELECT COUNT(DISTINCT salary) from employees e2 where e2.salary >= e1.salary);`

10. Write a query to list the department ID and name of all the departments where no employee is working.

Query - `select E.first_Name , E.last_name , D.department_id , D.department_name from employees E right outer join Departments D on E.department_id = D.department_id;`