



LabNo.1 DBs

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Exercise 1 (SELECT Statement):

1. **Write a query to display the names (first_name, last_name) using alias name "First Name", "Last Name".**

Answer: select first_name AS "First Name", last_name AS "Last Name" from employees;

2. **Write a query to get unique department ID from employee table.**

Answer: select employee_id AS "Unique Department ID" from employees;

3. **Write a query to get all employee details from the employee table order by first name, descending.**

Answer: select * from employees order by first_name desc;

4. **Write a query to get the employee ID, names (first_name, last_name), salary in ascending order of salary.**

Answer: select employee_id, first_name, last_name, salary from employees order by salary asc;

5. **Write a query to get the total salaries payable to employees.**

Answer: select COUNT(salary) from employees;

6. **Write a query to get the maximum and minimum salary from employees table.**

Answer: select Max(salary) AS Max_salary, Min(salary) AS Min_salary from employees;

7. **Write a query to get the average salary and number of employees in the employees table.**

Answer: select AVG(salary), COUNT(employee_id) from employees;

8. **Write a query to get the number of jobs available in the employees table.**

Answer: select COUNT(distinct job_id) from employees;

9. **Write a query get all first name from employees table in upper case.**

Answer: select UPPER(first_name) from employees;

10. **Write a query to select first 10 records from a table.**

Answer: select * from employees LIMIT 10;

11. **Write a query to select 3rd & 4th record of employees table.**

Answer: select * from employees LIMIT 2 OFFSET 2;

12. **Write a query to select 2nd last record of employees table.**

Answer: select * from employees order by employee_id desc LIMIT 1 OFFSET 1;