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**BSCS-II SECTION (A)**

**DATA BASE ASSIGNMENT LAB 1**

**CMS 023-24-0462**

1. Write a query to display the names (first\_name, last\_name) using alias name "First Name", "Last Name".

QUERY 1:

```
mysql> 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.

QUERY 2:

```
select distinct department_id from employees;
```

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

QUERY 3:

```
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.

QUERY 4:

```
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.

QUERY 5:

```
select sum(salary) as "total salaries" from employees;
```

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

QUERY 6:

select max(salary) as "maximum salary", min(salary) as "minimum salary" from employees;

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

QUERY 7:

select avg(salary) as "average salary", count(\*) as "number of employees" from employees;

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

QUERY 8:

select count(distinct job\_id) as "number of jobs" from employees;

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

QUERY 9:

select upper(first\_name) as "first name" from employees;

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

QUERY 10:

select \* from employees limit 10;

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

QUERY 11:

select \* from employees limit 3,4;

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

QUERY 12:

select \* from employees order by employee\_id desc limit 1 offset 1;