Day 2

```
PRN:200243020003
```

Select Statment

1. Display table structure for table employees and departments.

```
DESCRIBE employees;
DESCRIBE departments;
```

2. Check all table names available in your schema.

```
SELECT * FROM tab;
```

3. Display all employees data

```
 SELECT
    *
FROM
    employees;
```

4. Display all data from departments table

```
SELECT
    *
FROM
    departments;
```

5. Display employee_id, last_name,annual salary for all employees also display column heading as "Annual Salary"

```
SELECT
    employee_id,
    last_name,
    salary annual_salary
```

```
FROM
    employees;
```

6. Display unique job code from employees table

```
SELECT DISTINCT
    job_id
FROM
    employees;
```

7. Write a query to display commission value for employees who earn it and 'NULL' should be displayed for employees who do not earn,rename column as "comm"

```
SET NULL null;
>SELECT
    first_name,
    commission_pct AS comm
FROM
    employees;
```

8. Write a query to display employee's full name seperated by space.

```
SELECT
    first_name
    || ' '
    || last_name
FROM
    employees;
```

9. Write a query to display last_name and job_id as follows eg: King is working as manager and name the column as "Employee Details"

```
SELECT
    first_name
    || ' workig as a '
    || job_id AS employee_details
FROM
    employees;
```

10. Display only unique departments from employees table

```
SELECT DISTINCT
    department_id,
    last_name,
    salary
FROM
    employees;
```

Restricting and Sorting Data

1. Display emp_id,name,salary,commission,department_id for department 80 and rename column as Emp#,Employee,Salary,Comm respectively

```
SELECT
    employee_id     AS emp#,
    first_name      AS employee,
    salary          AS salary,
    commission_pct  AS comm
FROM
    employees
WHERE
    department_id = 80;
```

2. Display last_name and first_name for employees having last_name as king

```
SELECT
    last_name,
    first_name
FROM
    employees
WHERE
    last_name = 'king';
```

3. Display employee details hired on 23-mar-1998

```
SELECT
    *
FROM
    employees
```

```
WHERE
    hire_date = '23-mar-1998';
```

4. Display name and salary for employees earning more than 15000 of salary

```
SELECT
    first_name,
    salary
FROM
    employees
WHERE
    salary > 15000;
```

5. Display details for those emloyees whose salary in between the amount 8,000 to 20,000

```
SELECT
    *
FROM
    employees
WHERE
        salary > 8000
    AND salary < 20000;
```

6. Write a query to display emp_id,last_name,manager_id for all those employees working under managers having id as 100,101,102

```
SELECT
    employee_id,
    last_name,
    manager_id
FROM
    employees
WHERE
    manager_id = '100'
    OR manager_id = 101
    OR manager_id = 102;
```