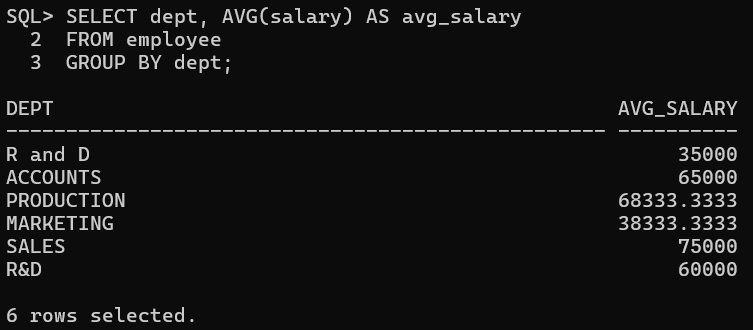
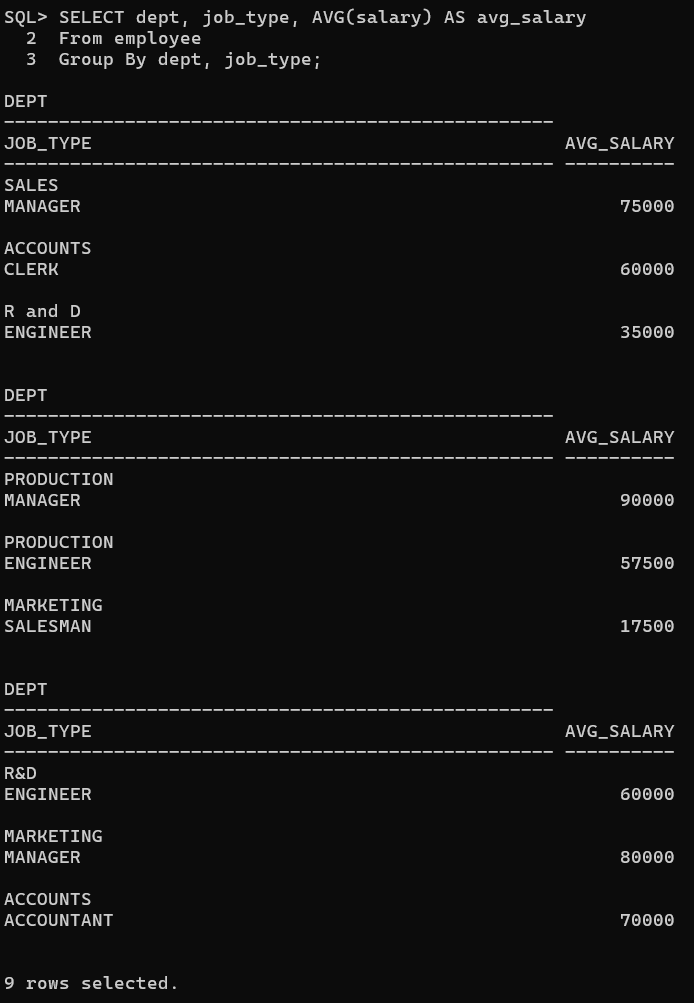
**DBMS LAB-05(16-01-2025)**

**Name-** Bhavya Shrivastava **Roll No-** 23052071 **Section-** CSE-15

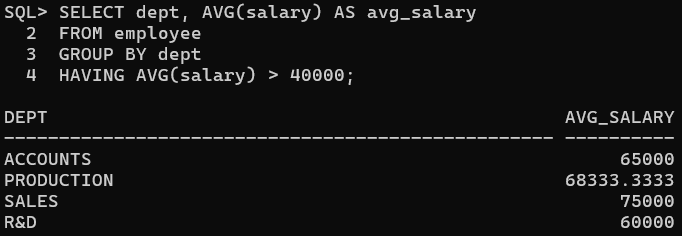
**1. Find the average salary of each department.**

**2. Find the average salary for each jobtype according to each department.**

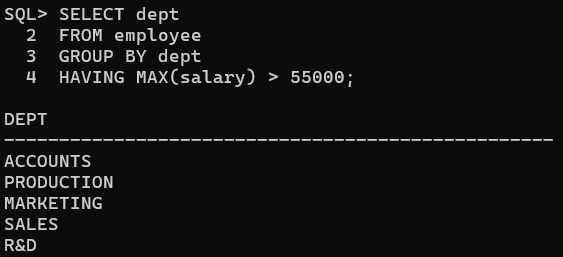
****

**3. Find the department names and their corresponding average salary where the average**

**salary is greater than 40000.**

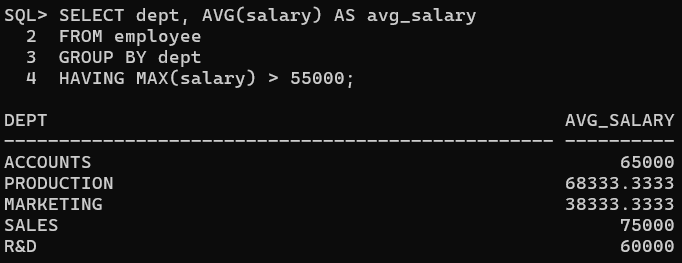
****

1. **Select the departments where the maximum salary is more than 55000.**

****

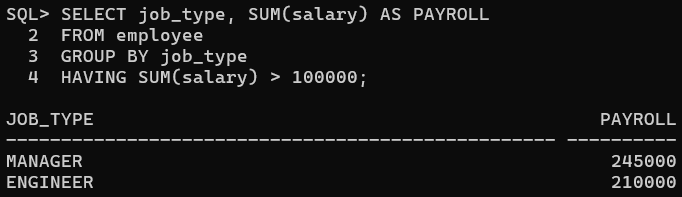
**5. Find the department names and their average salary where the maximum salary of the**

**department is higher than 55000.**

****

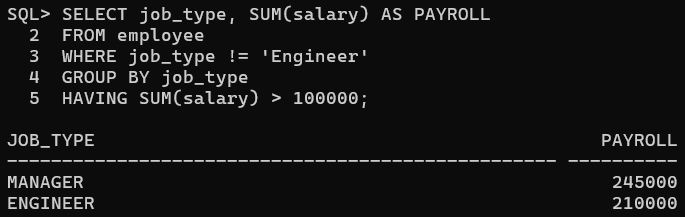
**6. Display the job\_types and the total monthly salary for each jobtypes as “PAYROLL”, where**

**the total payroll according to jobtypes exceeds 100000/month.**

****

**7. Display the job\_types and the total monthly salary for each jobtypes as “PAYROLL”, where**

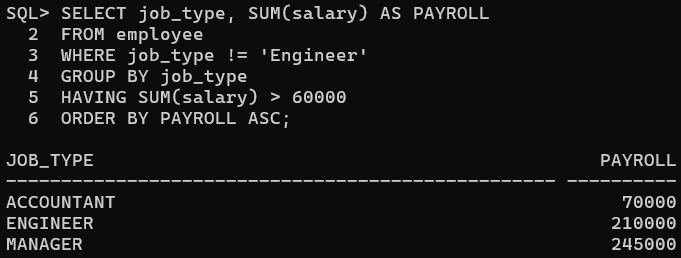
**the total payroll according to jobtypes exceeds 100000/month and jobtype is not engineer.**

****

**8. Display the job\_types and the total monthly salary for each jobtypes as “PAYROLL”, where**

**the total payroll according to jobtypes exceeds 60000/month and jobtype is not engineer**

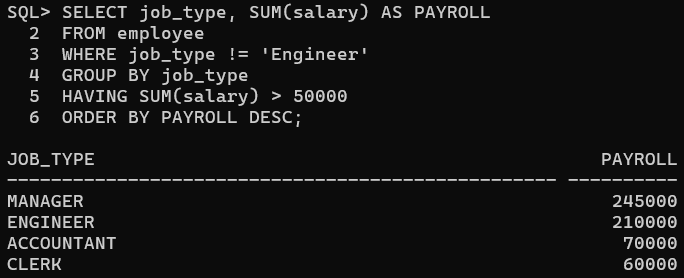
**and sort the list in ascending order of sum of salary.**

****

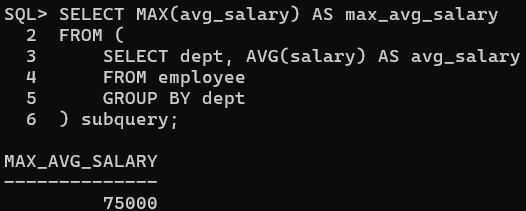
**9. Display the job\_types and the total monthly salary for each jobtypes as “PAYROLL”, where**

**the total payroll according to jobtypes exceeds 50000/month and jobtype is not engineer**

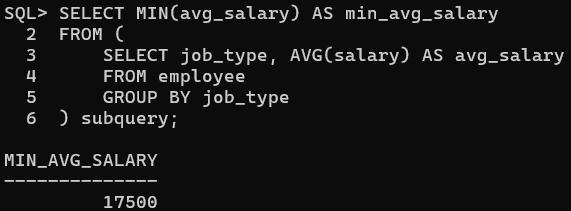
**and sort the list in descending order of sum of salary.**

****

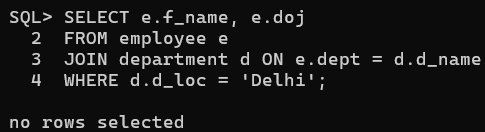
1. **Find the maximum average salary according to departments.**

****

1. **Find the minimum average salary according to jobtypes.**

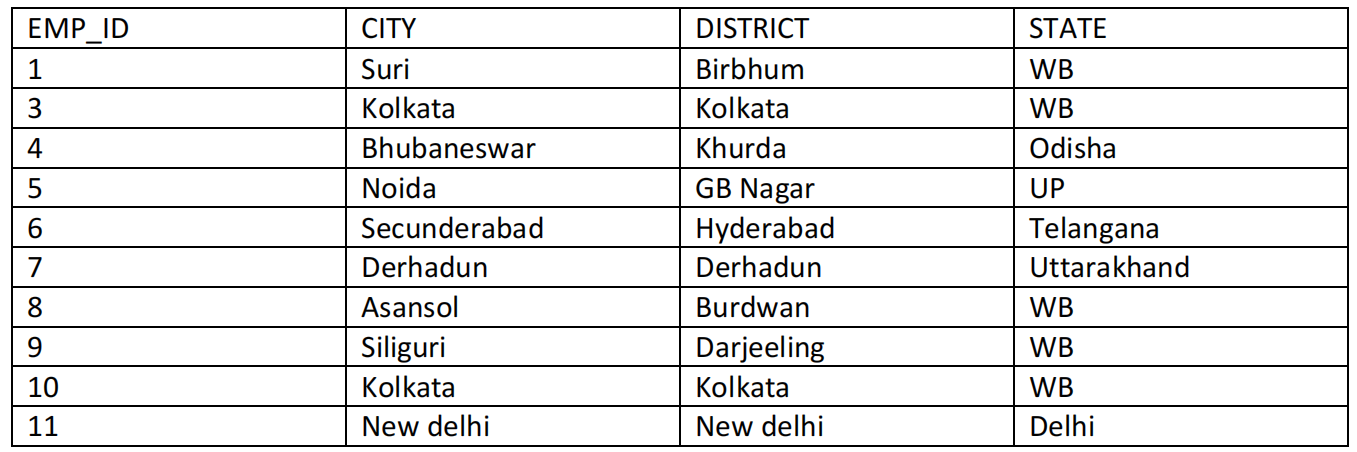
****

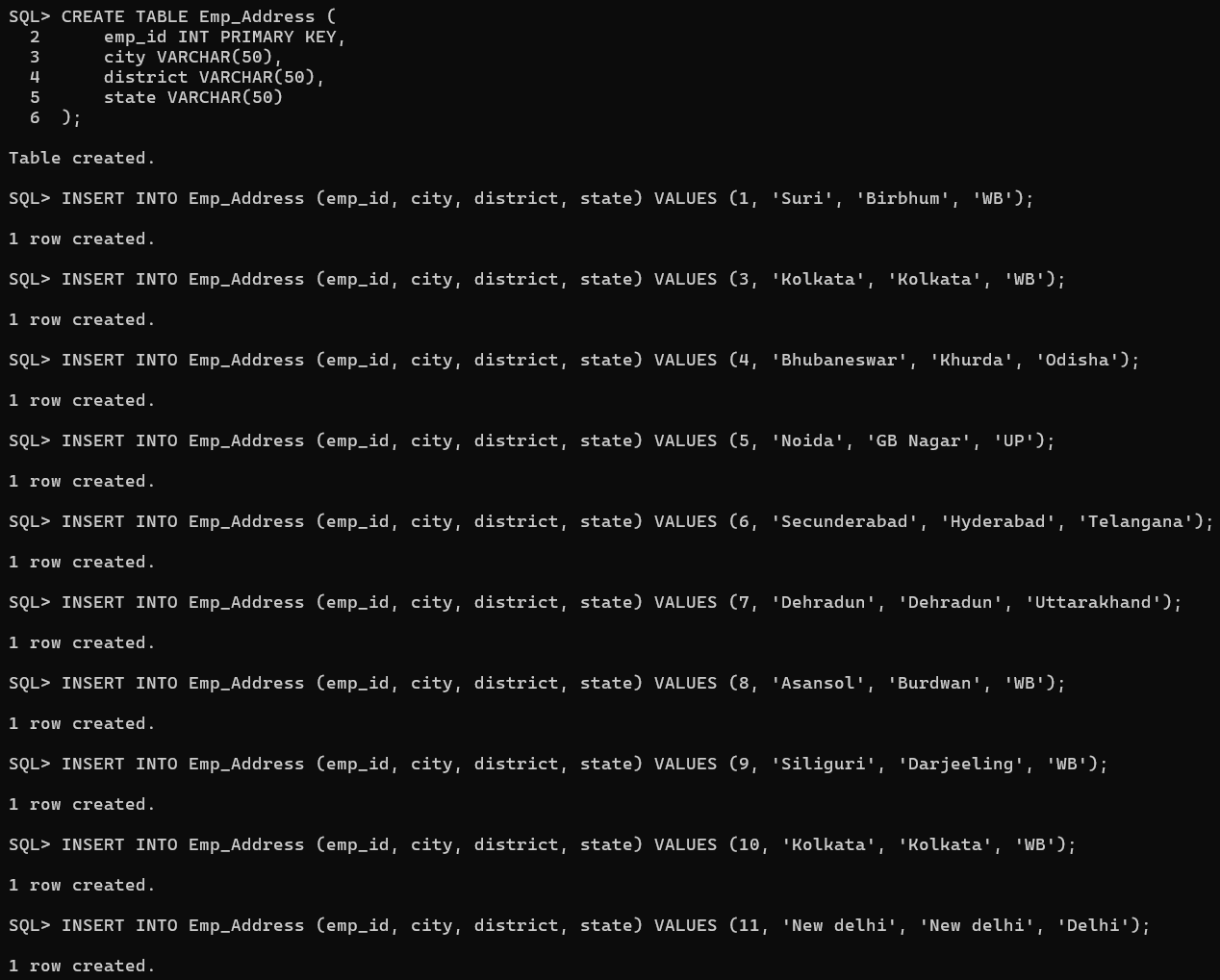
1. **Find the employee name and date of joining who are working in delhi.**

****

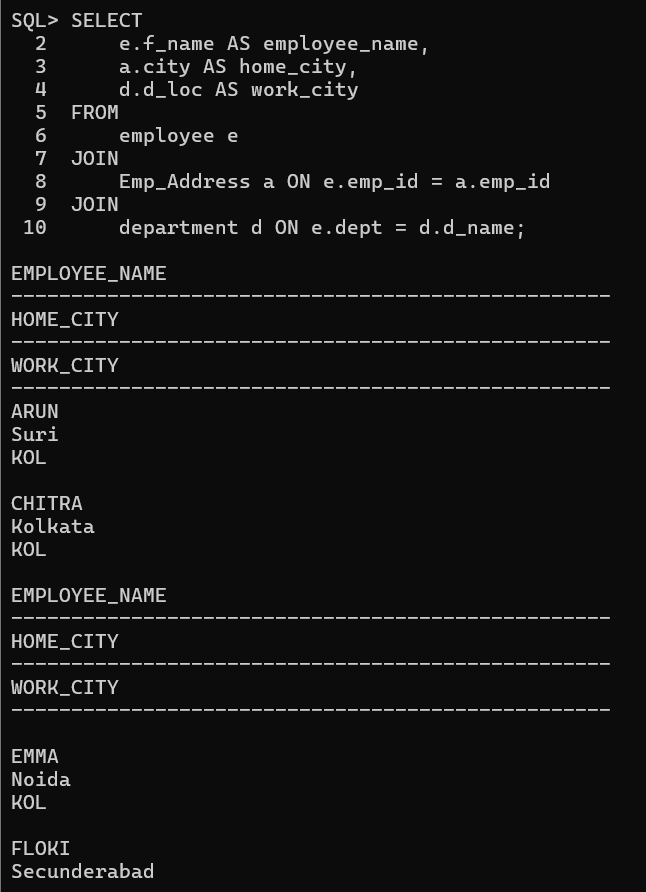
**13. Create the table ‘Emp\_Address’ for storing the permanent address of the employees and**

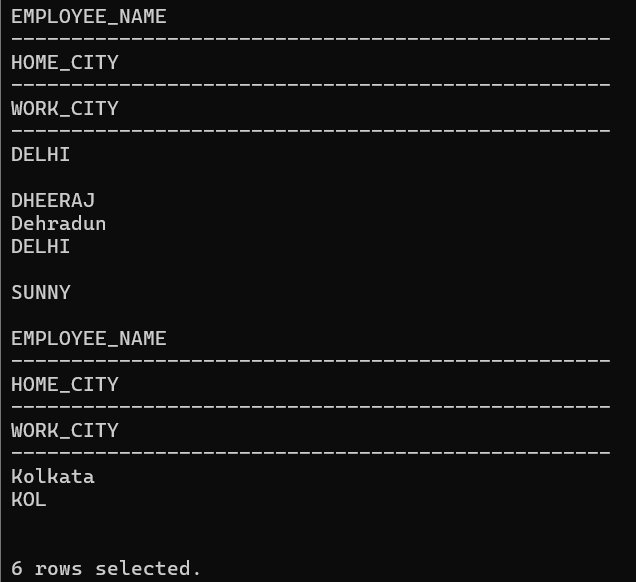
**insert the values.**

****

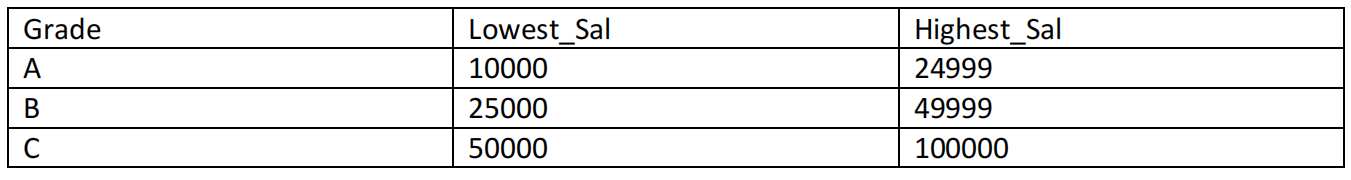
****

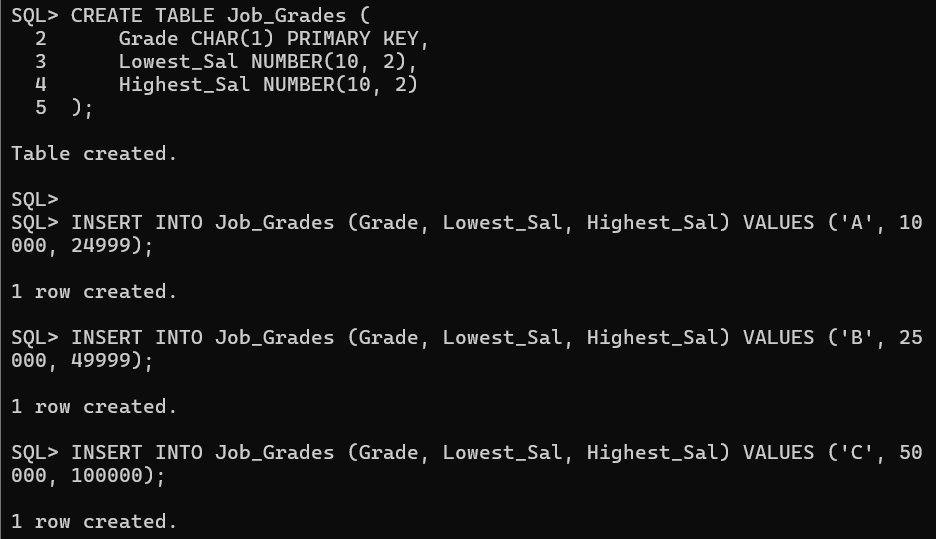
**14. Display the employee name with their home city and the city they work in.**

****

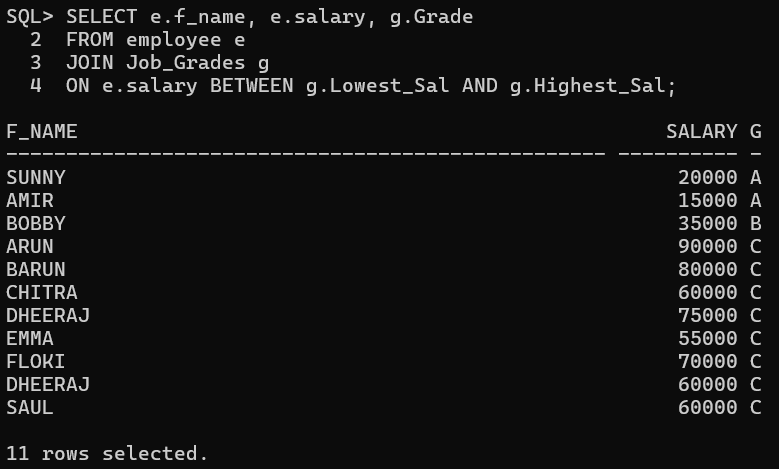
****

1. **Create the following Job\_Grades table.**

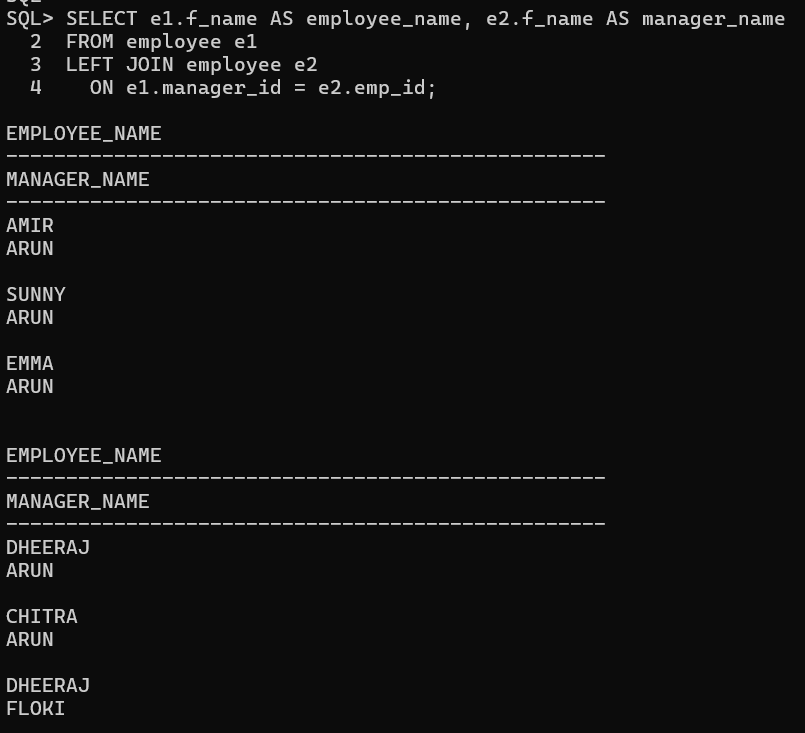
****

****

1. **Display the employee names along with their salary and job\_grade.**

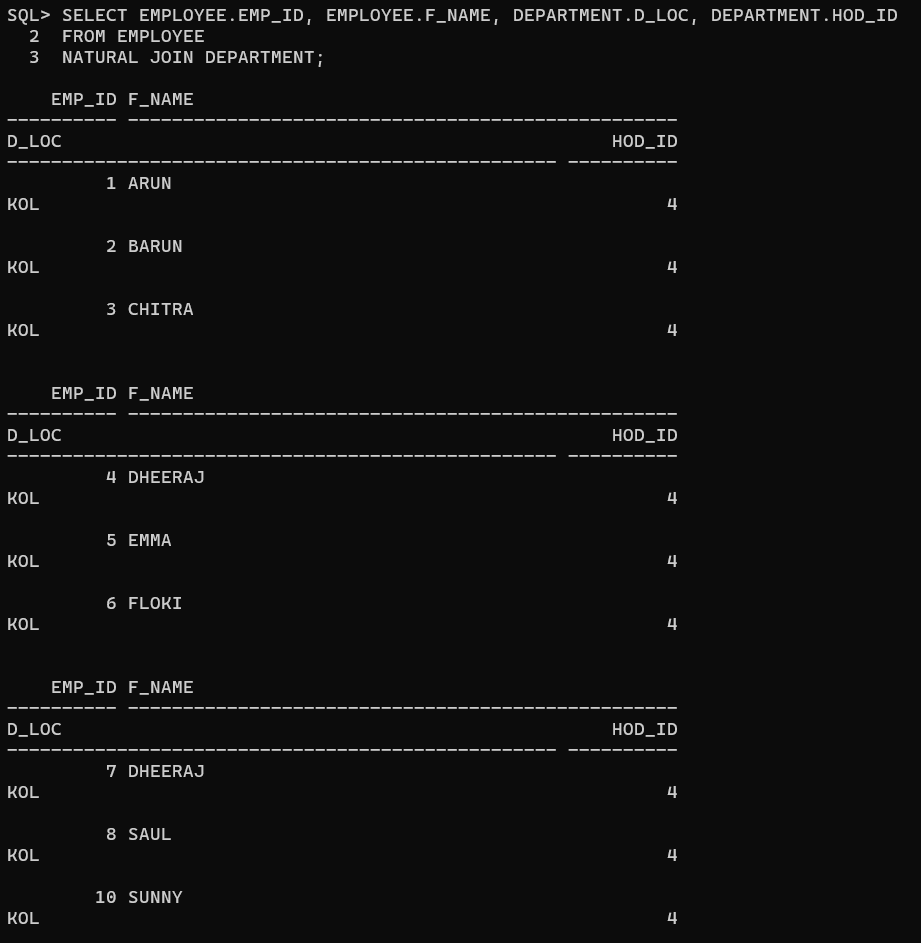
****

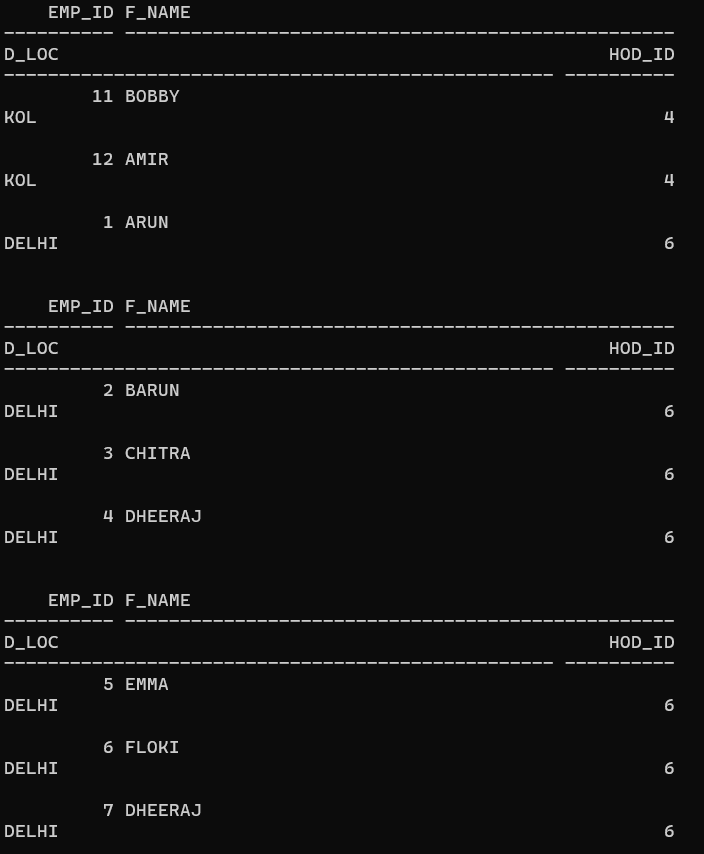
1. **Display the employees name along with their manager’s name. (use SELF JOIN)**

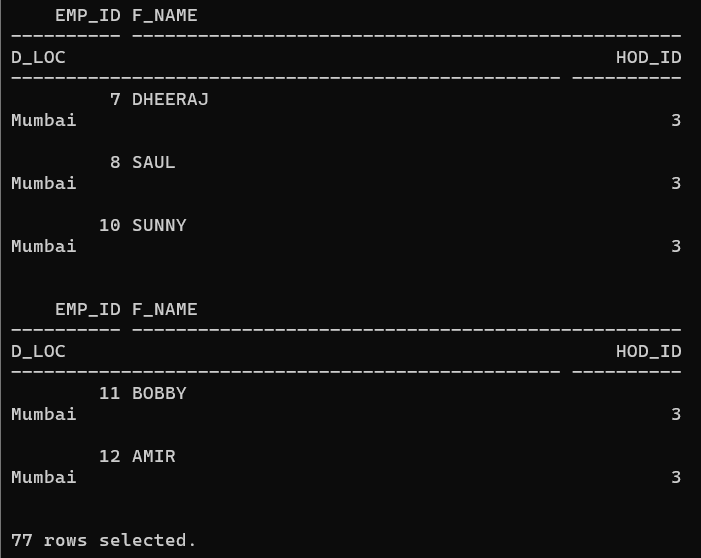
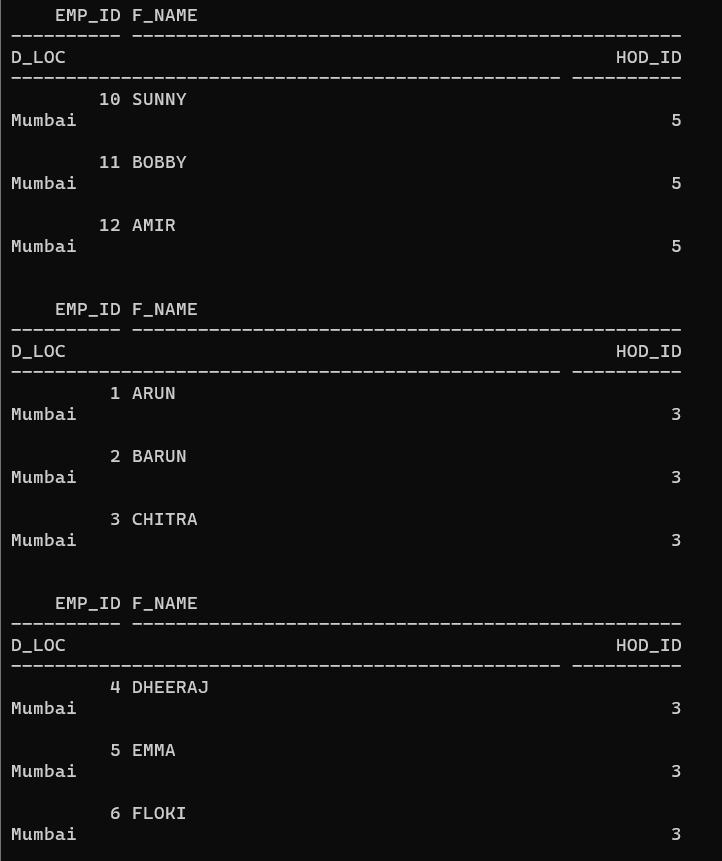
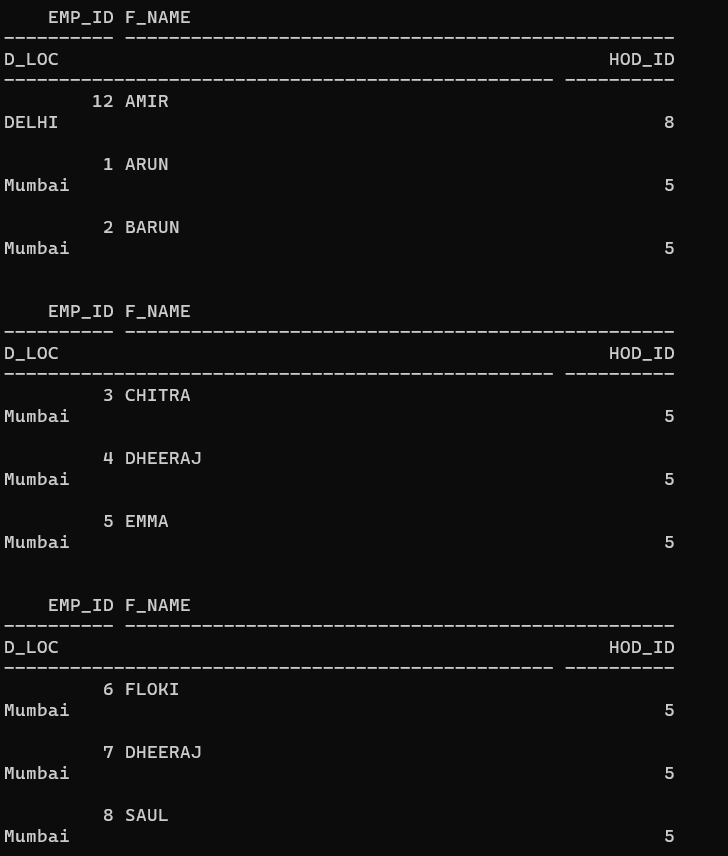
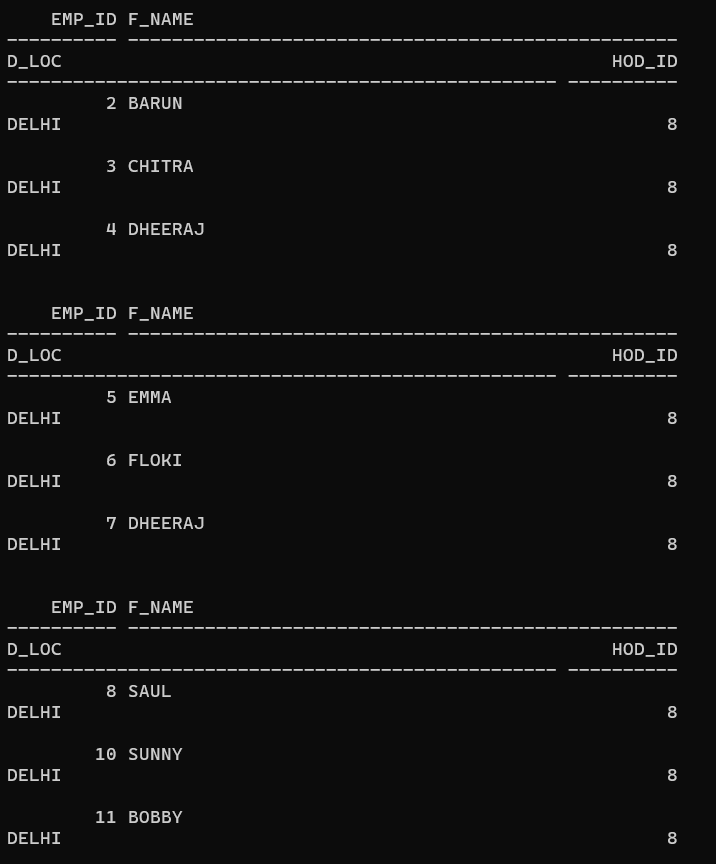
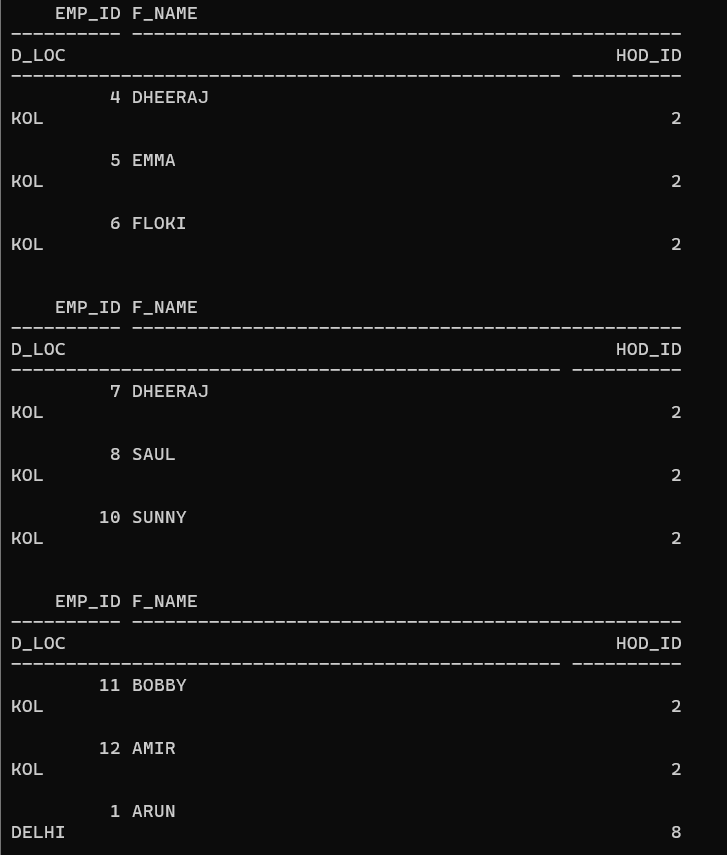
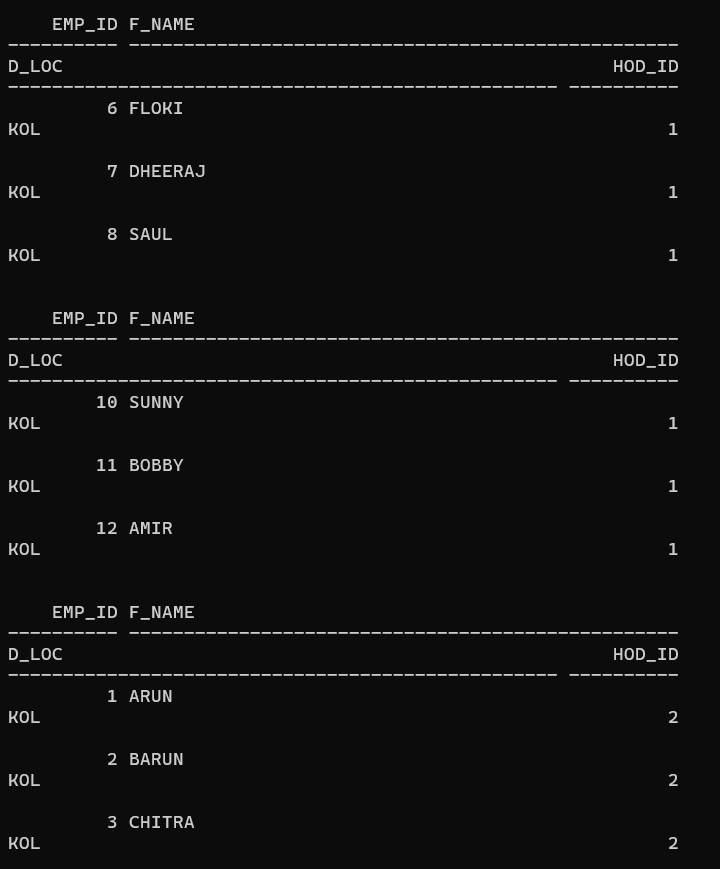
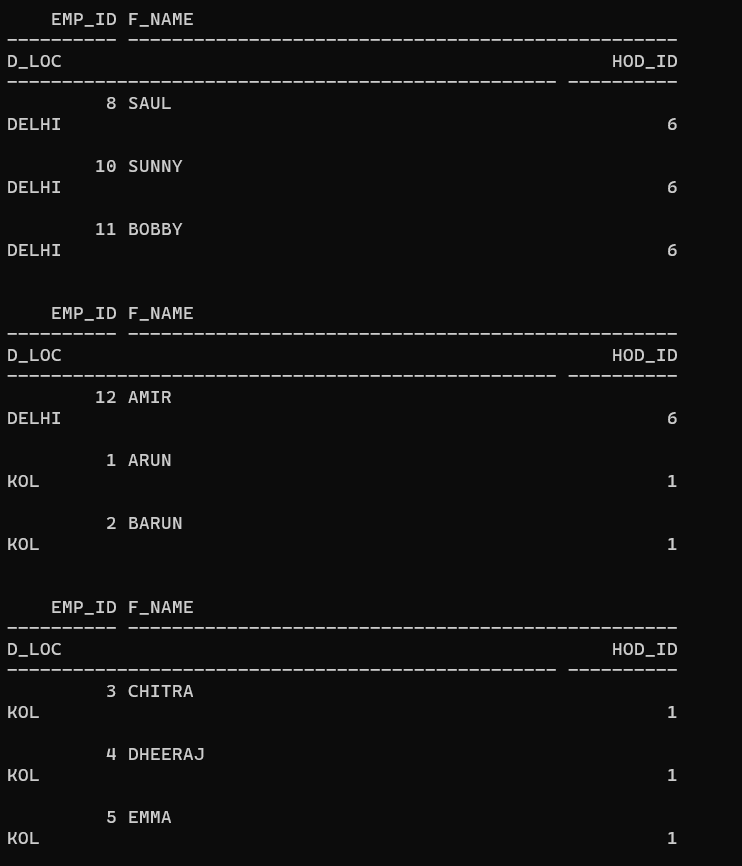
****

****

1. **Display emp\_id, f\_name, d\_loc, and hod\_id (using natural join).**

****

****

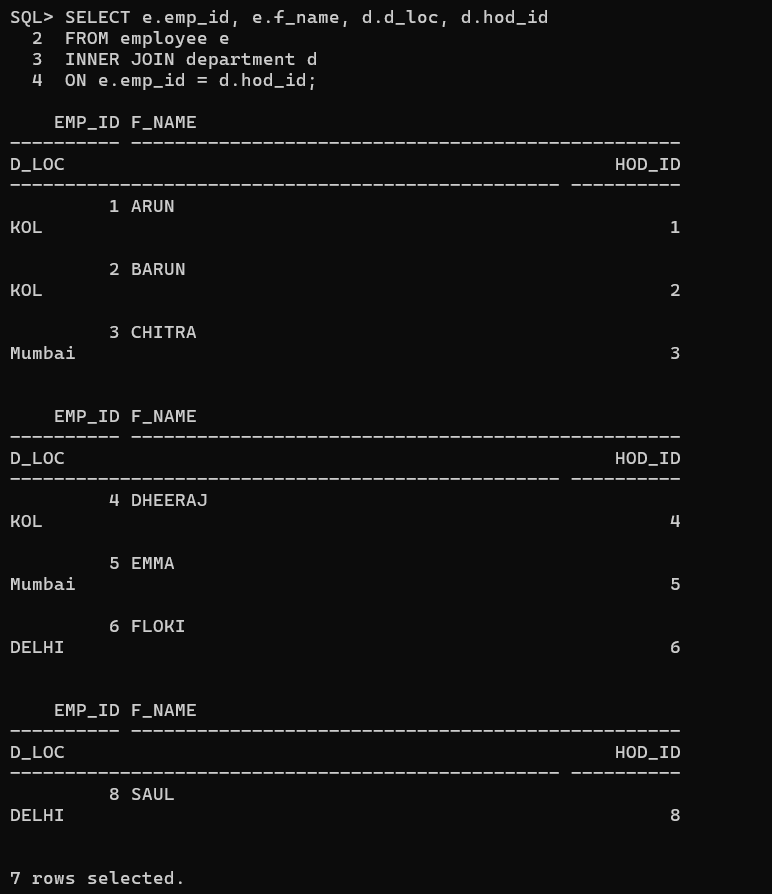
****

1. **Display the employees f\_name, city and state in which they live (using natural join).**

****

****

1. **Display the employees emp\_id, f\_name, d\_loc, hod\_id using inner join.**

****

1. **Display the employees f\_name, city and state in which they live (using inner join).**

****

****

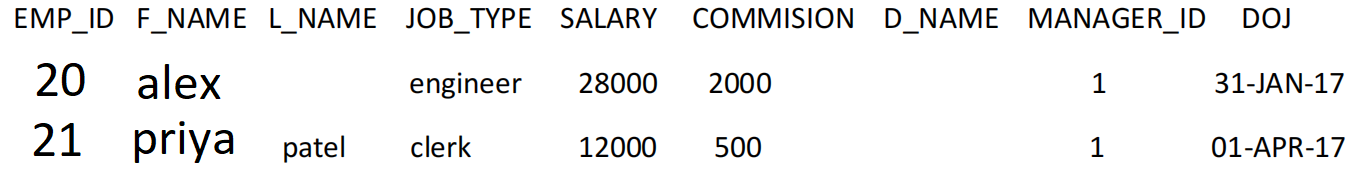
1. **Display the employees f\_name, city and state in which they live (using join keyword).**

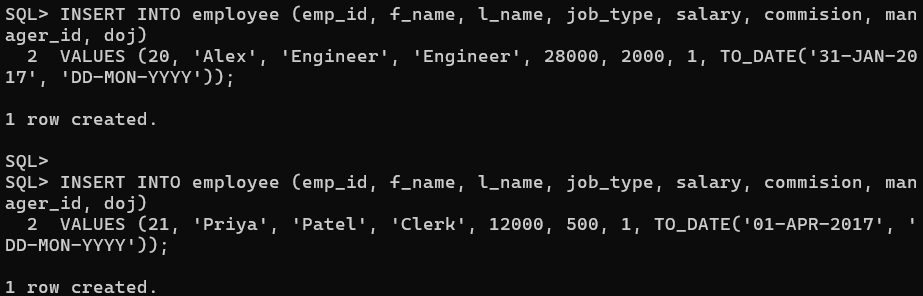
****

****

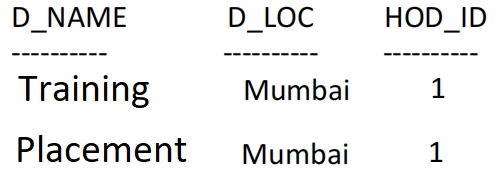
**23. Insert the following two rows in the employee table without inserting any value in the**

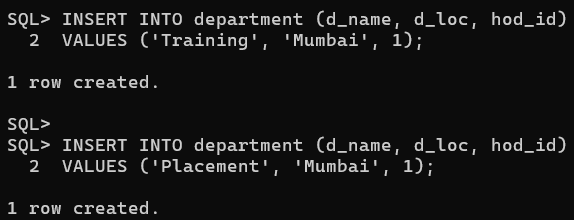
**department field.**

****

****

1. **Insert the following two rows into the department table.**

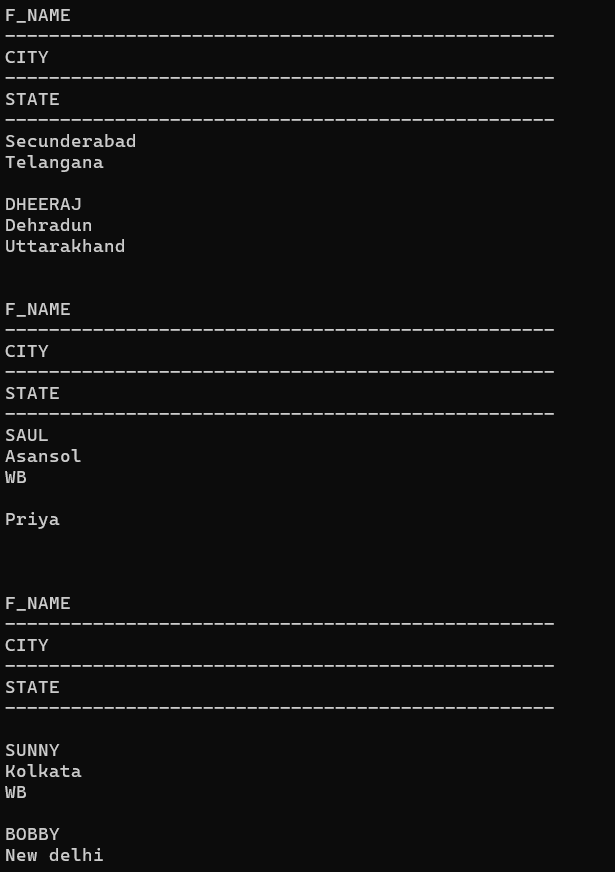
****

****

**25. Display the employees f\_name, city and state in which they live after joining employee**

**and employee\_address table using left outer join.**

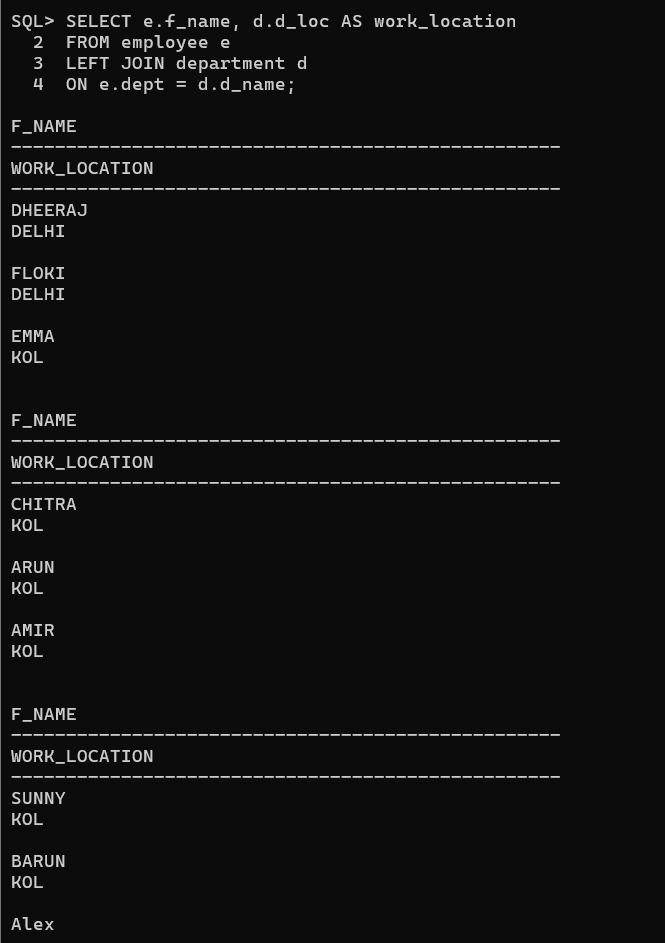
****

****

****

**26. Display the employees f\_name and their work location after joining employee and**

**department table using left join.**

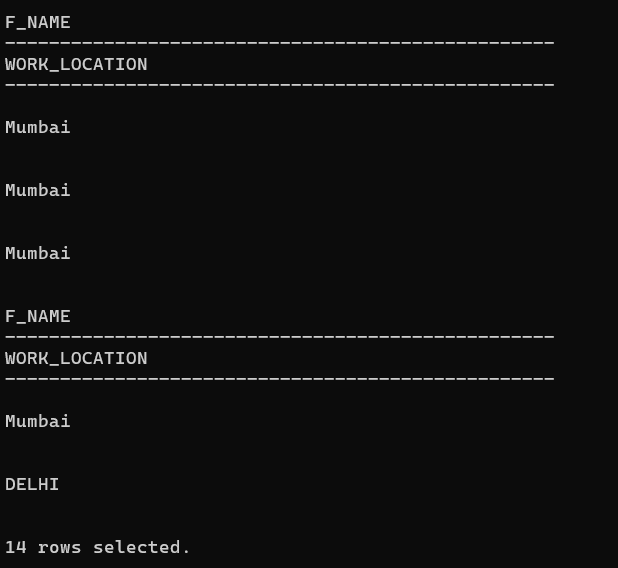
****

****

**27. Display the employees f\_name and their work location after joining employee and**

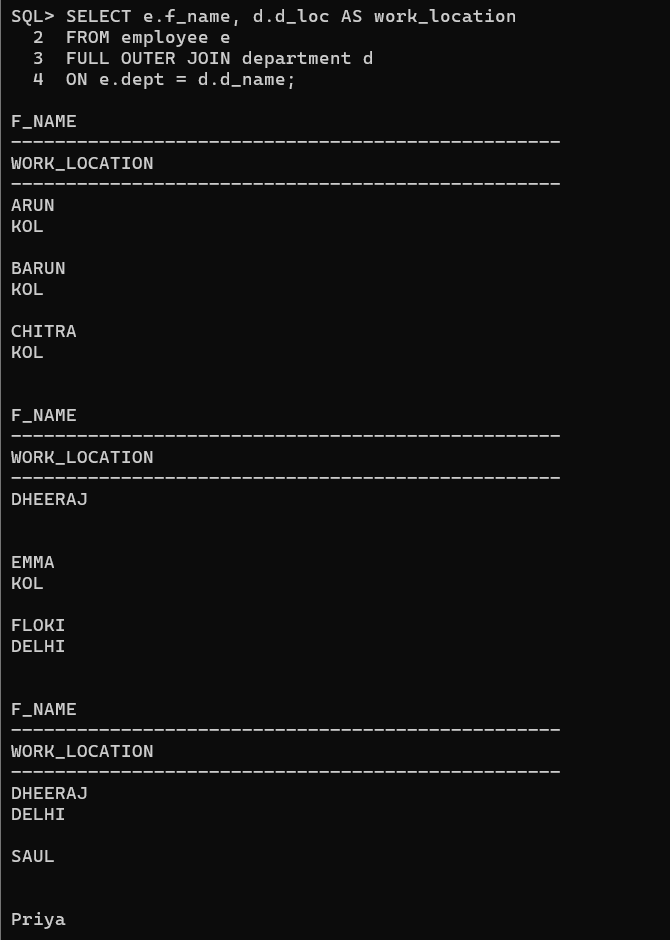
**department table using right join.**

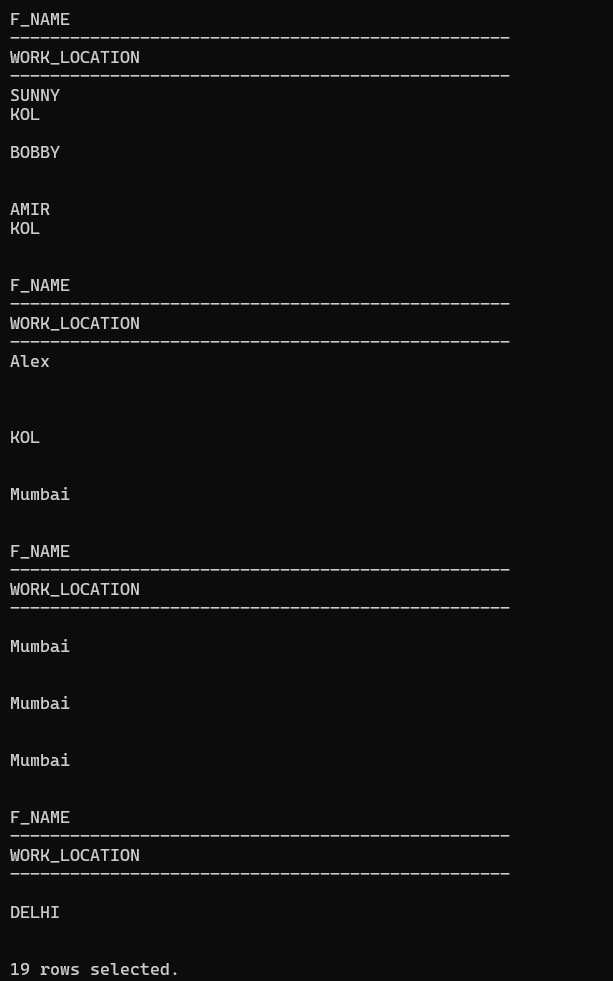
****

****

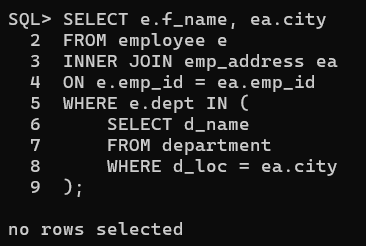
**28. Display the employees f\_name and their work location after joining employee and**

**department table using full join/full outer join.**

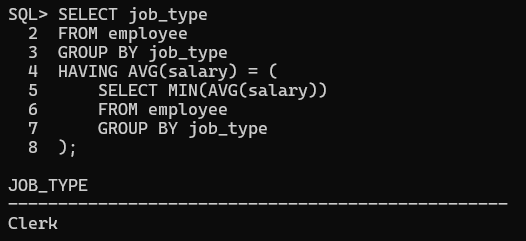
****

****

1. **Find the employees who are working in their home city.**

****

1. **Find the job type having the minimum average salary according to jobtypes.**

****