

## LAB SET - 7

### Create the Following Tables:

1. Create LOCATION Table with columns Location\_Id, Regional\_Group.

Constraints on LOCATION table: Location\_Id Primary Key.

2. Insert the following records into the table LOCATION:

LOCATION_ID	REGIONAL_GROUP
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122	NEW YORK
123	DALLAS
124	CHICAGO
167	BOSTON

3. Create DEPARTMENT Table with columns Department\_Id, Name, Location\_Id.

Constraints on DEPARTMENT table: Department\_Id Primary Key, Location\_Id references LOCATION table.

4. Insert the following records into DEPARTMENT table:

DEPRATMENT_ID	NAME	LOCATION_ID
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10	ACCOUNTING	122
20	RESEARCH	124
30	SALES	123
40	OPERATIONS	167

5. Create JOB Table with columns Job\_Id, Funcation.

Constraints on JOB table: Job\_ID Primary Key.

6. Insert the following records into JOB table:

JOB_ID	FUNCTION
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667	CLERK
668	STAFF
669	ANALYST
670	SALESPERSON
671	MANAGER
672	PRESIDENT

**7. Create EMPLOYEE Table with columns Employee\_Id, Last\_Name, First\_Name, Middle\_Name, Job\_Id, Manager\_Id, Hire\_Date, Salary, Comm, Department\_Id.**

**Constraints on EMPLOYEE table:** Employee\_Id Primary Key, Last\_Name NotNull, Department\_Id references DEPARTMENT table.

**8. Insert the following records into EMPLOYEE table:**

EMPL OYEE _ID	LAST_N AME	FIRST_N AME	MID DLE _NA ME	JOB_ ID	MAN AGE R_ID	HIRE_DA TE	SALA RY	COM M	DEPA RTME NT_ID
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7369	SMITH	JOHN	Q	667	7902	17-DEC-84	800	NULL	20
7499	ALLEN	KEVIN	J	670	7698	20-FEB-85	1600	300	30
7505	DOYLE	JEAN	K	671	7839	04-APR-85	2850	NULL	30
7506	DENNIS	LYNN	S	671	7839	15-MAY-85	2750	NULL	30
7507	BAKER								
7521	WARK	LESLIE CYNTHI	D	671	7839	10-JUN-85	2200	NULL	40
		A	D	670	7698	22-FEB-85	1250	500	30

**✎ Perform the following queries on the above given table:**

1. List all job details.
2. List all the locations.
3. List out first name,last\_name,salary, commission for all employees.
4. List out employee\_id,last\_name,department\_id for all employees and rename employee\_id as “ID of the employee”, last\_name as “Name of the employee”, department\_id as “department ID”.
5. List out the employee’s annual salary with their names only.
6. List out the employees who are working in department 20.
7. List out the employees who are earning salary between 3000 and 4500.
8. List out the employees who are working in department 10 or 20.
9. List out the employees whose name starts with “S”.
10. List out the employees whose name length is 4 and start with “S”
11. List out the employee id, last name in ascending order based on the employee id.

12. List out the employee id, name in descending order based on salary column.
13. List out the employee details according to their last\_name in ascending order and salaries in descending order.
14. List out the employee details according to their last\_name in ascending order and then on department\_id in descending order.
15. How many employees who are working in different departments wise in the organization.
16. List out the department wise maximum salary, minimum salary, average salary of the employees.
17. List out the department id having at least four employees.
18. How many employees in January month.
19. Display the employee who got the maximum salary.
20. Display the employees who are working in Sales department.
21. Display the employees who are working as “Clerk”.
22. Find out no. of employees working in “Sales” department.
23. List our employees with their department names.
24. Display employees with their designations (jobs).