### ASSIGNMENT - 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
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		
10	ACCOUNTING	122		
20	RESEARCH	124		
30	SALES	123		
40	<b>OPERATIONS</b>	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:

lor_id	FUNCTION
667	CLERK
668	STAFF
669	ANALYST
670	SALESPERSON
671	MANAGER
672	<b>PRESIDENT</b>

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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, Job\_id references JOB 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
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	LESLIE	D	671	7839	10-JUN-85	2200	NULL	40
7521	WARK	CYNTHI 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"

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- 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).