Lab Assignment-03

ROLL: 2005535 | NAME: SAHIL SINGH | DATE: 02/02/22

QUES 1: Insert the following values in the tables created.

Employee

Employeeid	Lname	Fname	Positionid	Supervisior	Hiredate	Salary	Commission	Deptid	Qualid
111	Smith	John	1		15/04/60	265000	35000	10	1
246	Houston	Larry	2	111	19/05/67	150000	10000	4	2
123	Roberts	Sandi	2	111	02/12/91	75000		10	2
433	Mccall	Alex	3	543	10/05/97	66500	20000	20	4
543	Dev	Derek	2	111	15/03/95	80000	3000	20	1
200	Shaw	Jinku	5	135	03/01/00	24500	5000	30	
135	Garner	Stanley	2	111	29/02/96	45000		30	5
222	Chen	Sunny	4	123	15/08/99	35000		10	3

Position

Positionid	Posdesc
1	President
2	Manager
3	Programmer
4	Accountant
5	Salesman

Qualification

Qualid	QualDesc
1	Doctorate
2	Masters
3	Bachelors
4	Associates
5	High School

EmpLevel

LevelNo	LowSalary	HighSalary
1	1	25000
2	25001	50000
3	50001	100000
4	100001	500000

Dept

DeptId	DeptName	Location	Employeeid
10	Finance	Charlotee	123
20	Infosys	New York	543
30	Sales	Woodbridge	135
40	Marketing	Los Angeles	246

SOLUTION:

Data Insertion:

(EMPLOYEE TABLE)

```
SQL> insert into Employee values(111, 'Smith', 'John', 1, NULL, '15-Apr-60', 265000, 35000, 10, 1);

SQL> insert into Employee values(246, 'Houston', 'Larry', 2, 111, '19-May-67', 150000, 10000, 40, 2);

SQL> insert into Employee values(123, 'Roberts', 'Sandi', 2, 111, '02-Dec-91', 75000, NULL, 10, 2);

SQL> insert into Employee values(433, 'Mccall', 'Alex', 3, 543, '10-May-97', 66500, 20000, 20, 4);

SQL> insert into Employee values(543, 'Dev', 'Derek', 2, 111, '15-Mar-95', 80000, 3000, 20, 1);

SQL> insert into Employee values(200, 'Shaw', 'Jinku', 5, 135, '03-Jan-00', 24500, 5000, 30, 5);

SQL> insert into Employee values(135, 'Garner', 'Stanley', 2, 111, '29-Feb-96', 45000, NULL, 30, 5);

SQL> insert into Employee values(222, 'Chen', 'Sunny', 4, 123, '15-Sep-99', 35000, NULL, 10, 3);
```

```
SQL> select * from employee;

EMPLOYEEID LNAME           FNAME           POSITIONID SUPERVISOR HIREDATE      SALARY   COMMISION     DEPTID     QUALID
---------- --------------- --------------- ---------- ---------- --------- ---------- ---------- ---------- ----------
       111 Smith           John                     1            15-APR-60     265000      35000         10          1
       246 Houston         Larry                    2        111 19-MAY-67     150000      10000         40          2
       123 Roberts         Sandi                    2        111 02-DEC-91      75000                    10          2
       433 Mccall          Alex                     3        543 10-MAY-97      66500      20000         20          4
       543 Dev             Derek                    2        111 15-MAR-95      80000       3000         20          1
       200 Shaw            Jinku                    5        135 03-JAN-00      24500       5000         30          5
       135 Garner          Stanley                  2        111 29-FEB-96      45000                    30          5
       222 Chen            Sunny                    4        123 15-SEP-99      35000                    10          3
```

(EMPLEVEL TABLE)

```
SQL> insert into Emplevel values(1, 1, 25000);

SQL> insert into Emplevel values(2, 25001, 50000);

SQL> insert into Emplevel values(3, 50001, 100000);

SQL> insert into Emplevel values(4, 100001, 500000);
```

```
SQL> select * from emplevel;

   LEVELNO  LOWSALARY HIGHSALARY
---------- ---------- ----------
         1          1      25000
         2      25001      50000
         3      50001     100000
         4     100001     500000
```

(DEPENDENT TABLE)

SQL> insert into Dependent values(543, 1, '28-Sep-1958', 'Spouse');

SQL> insert into Dependent values(543, 2, '14-Oct-88', 'Son');

SQL> insert into Dependent values(200, 1, '10-Jun-76', 'Spouse');

SQL> insert into Dependent values(222, 1, '04-Feb-75', 'Spouse');

SQL> insert into Dependent values(222, 2, '23-Oct-97', 'Son');

SQL> insert into Dependent values(222, 3, '10-Sep-99', 'Daughter');

SQL> insert into Dependent values(111, 1, '12-Dec-45', 'Spouse');

```
SQL> select * from dependent;

EMPLOYEEID DEPENDENTID DEPDOB     RELATION
---------- ----------- --------- --------
       543           1 28-SEP-58 Spouse
       543           2 14-OCT-88 Son
       200           1 10-JUN-76 Spouse
       222           1 04-FEB-75 Spouse
       222           2 23-OCT-97 Son
       222           3 10-SEP-99 Daughter
       111           1 12-DEC-45 Spouse
```

(DEPT TABLE)

SQL> insert into Dept values(10, 'Finance', 'Charlotte', 123);

SQL> insert into Dept values(20, 'Infosys', 'New York', 543);

SQL> insert into Dept values(30, 'Sales', 'Woodbridge', 135);

SQL> insert into Dept values(40, 'Marketing', 'Los Angeles', 246);

```
SQL> select * from dept;

   DEPTID DEPTNAME      LOCATIN          EMPLOYEEID
---------- ------------ --------------- ----------
       10 Finance       Charlotte              123
       20 Infosys       New York               543
       30 Sales         Woodbridge             135
       40 Marketing     Los Angeles            246
```

(POSITION TABLE)

SQL> insert into Position values(1,'President');

SQL> insert into Position values(2,'Manager');

SQL> insert into Position values(3,'Programmer');

SQL> insert into Position values(4,'Accountant');

SQL> insert into Position values(5,'Salesman');

```
POSITIONID POSDESC
---------- ----------
         1 President
         2 Manager
         3 Programmer
         4 Accountant
         5 Salesman
```

(QUALIFICATION TABLE)

SQL> insert into Qualification values(1,'Doctorate');

SQL> insert into Qualification values(2, 'Masters');

SQL> insert into Qualification values(3, 'Bachelors');

SQL> insert into Qualification values(4, 'Associates');

SQL> insert into Qualification values(5, 'High School');

```
SQL> select * from qualification;

    QUALID QUALDESC
---------- ----------
         1 Doctorate
         2 Masters
         3 Bachelors
         4 Associates
         5 High School
```