# **DATABASE MANAGEMENT SYSTEMS LAB**

## EXPERIMENT NO: 3 DATE:

## **Employee Database**

# **Create the Following Tables and insert the Data in them**

**DEPT** 

DEPTNO	NAME	LOCATI ON
10	Accounting	122
20	Research	124
30	Sales	123
40	Operations	167
12	Research	122
13	Sales	122
14	Operations	122
23	Sales	124
24	Operations	124
34	Operations	123
43	Sales	167

LOCATION

LCODE	NAME
122	Kakinada
124	Hyderabad
123	Bangalore
167	Vijayawada

JCODE	NAME
667	Clerk
668	Staff
669	Analyst
671	Vice President
672	President

**JOB** 

Regd. No:

#### **EMPLOYEE**

EMP NO	ENAME	JOB	MGR_NO	HIREDATE	SALARY	COMMISSION	DEPTNO
1	Venkat	672		01-02-06	1200000	10000	40
2	Nirmala	671	1	02-04-07	800000	50000	20
3	Pradeep	669	1	10-10-05	1000000		40
4	Srinivas	669	1	08-05-05	1000000		30
5	Krishna	668	2	09-10-05	500000	20000	12
6	Deepa	668	3	09-09-07	600000		23
7	Keerthi	668	4	05-06-06	600000		24
8	Aravind	671	1	21-01-06	800000	600000	30
9	Srikanth	668	8	18-11-06	400000	500000	34
10	Suresh	667	3	12-12-08	120000		23
11	Rahul	667	9	11-03-08	80000		30
12	Kumar	667	4	16-03-08	120000		20

### //CREATION OF TABLE NAMED Location

CREATE TABLE Location ( LCode number (3) PRIMARY KEY, Name varchar2 (10));

#### //CREATION OF TABLE NAMED Job

CREATE TABLE Job ( JCode number (3) PRIMARY KEY, Name varchar2 (10));

### //CREATION OF TABLE NAMED Dept

CREATE TABLE Dept ( Deptno number (2) PRIMARY KEY, Name varchar2 (10),

Location number (3) REFERENCES LOCATION (LCODE));

### //CREATION OF TABLE NAMED Employee

CREATE TABLE Employee( Empno number(2) PRIMARY KEY, Ename varchar2(10),

Job number(3) REFERENCES JOB(JCODE),

Mgr\_no number(2) REFERENCES EMPLOYEE(EMPNO),

Hiredate date, Salary number(10), Commission number(8),

Deptno number(2) REFERENCES DEPT(DEPTNO));

Regd. No:
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### Insertion of Data in the JOB Table

CODE	NAME
667	Clerk
668	Staff
669	Analyst
671	Manager
672	President

#### Sample:

INSERT INTO Job VALUES (667, 'Clerk');

INSERT INTO Job VALUES (668, 'Staff');

### **Insertion of Data in the LOCATION Table**

CODE	NAME
122	Kakinada
124	Hyderabad
123	Bangalore
167	Vijayawada

### Sample:

INSERT INTO location VALUES (122, 'Kakinada');

Regd. No:										
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### Insertion of Data in the Dept Table

		LOCATI
555510		
DEPTNO	NAME	ON
10	Accounting	122
20	Research	124
30	Sales	123
40	Operations	167
12	Research	122
13	Sales	122
14	Operations	122
23	Sales	124
24	Operations	124
34	Operations	123
43	Sales	167

### Sample:

INSERT INTO dept VALUES (10, 'Accounting', 122);

INSERT INTO dept VALUES (20, 'Research', 124);

INSERT INTO dept VALUES (30, 'Sales', 123);

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### Insertion of Data in the Employee Table

EMP NO	ENAME	JOB	MGR_NO	HIREDATE	SALARY	COMMISSION	DEPTNO
1	Venkat	672		01-02-06	1200000	10000	40
2	Nirmala	671	1	02-04-07	800000	50000	20
3	Pradeep	669	1	10-10-05	1000000		40
4	Srinivas	669	1	08-05-05	1000000		30
5	Krishna	668	2	09-10-05	500000	20000	12
6	Deepa	668	3	09-09-07	600000		23
7	Keerthi	668	4	05-06-06	600000		24
8	Aravind	671	1	21-01-06	800000	600000	30
9	Srikanth	668	8	18-11-06	400000	500000	34
10	Suresh	667	3	12-12-08	120000		23
11	Rahul	667	9	11-03-08	80000		30
12	Kumar	667	4	16-03-08	120000		20

#### Sample:

INSERT INTO employee VALUES (1,'Venkat',672,null,'01-02-2006',1200000,10000,40);

INSERT INTO employee VALUES (2,'Nirmala',671,1,'02-04-2007',800000,50000,20);

INSERT INTO employee VALUES (3,'Pradeep',669,1,'10-10-2005',1000000,null,40);

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