CREATE DATABASE EMPLOYEE\_DB;

CREATE TABLE DEPARTMENT(

DEPARTMENT\_ID INT PRIMARY KEY,

NAME VARCHAR(45),

LOCATION VARCHAR(45));

CREATE TABLE EMPLOYEE\_DETAILS(

EMPLOYEE\_DETAILS\_ID INT PRIMARY KEY,

EMPLOYEE\_ID VARCHAR(45),

SARLARY FLOAT,

ADDRESS\_1 VARCHAR(45),

ADDRESS\_3 VARCHAR(45),

);

CREATE TABLE EMPLOYEE(

EMPLOYEE\_ID INT PRIMARY KEY,

FIRSTNAME VARCHAR(45),

LASTNAME VARCHAR(45),

SSN VARCHAR (9),

DEPARTMENT\_DEPARTMENT\_ID INT,

EMPLOYEE\_DETAILS\_EMP\_DETAILS\_ID INT,

FOREIGN KEY(DEPARTMENT\_DEPARTMENT\_ID)

REFERENCES DEPARTMENT(DEPARTMENT\_ID),

FOREIGN KEY(EMPLOYEE\_DETAILS\_EMP\_DETAILS\_ID)

REFERENCES EMPLOYEE(EMPLOYEE\_ID),

);

SELECT \* FROM DEPARTMENT;

SELECT \* FROM EMPLOYEE;

SELECT \* FROM EMPLOYEE\_DETAILS;

-- ADD AT LEAST 3 RECORED INTO EACH TABLE;

-- ADD EMPLOYEE TINA SMITH;

-- ADD DEPARTMENT MARKETING;

-- LIST ALL EMPLOYEES IN MARKETING;

-- REPORT TOTAL SALARY OF MARKETING;

-- REPORT TOTAL EMPLOYEES BY DEPARTMENT.

-- INCREASE SALARY OF TINA SMITH TO $90,000.

-- INSERTING 3 RECORDS INTO DEPARTMETN TABLE

INSERT INTO DEPARTMENT(DEPARTMENT\_ID, NAME, LOCATION) VALUES (1, 'MARKETING', 'TOPEKA');

INSERT INTO DEPARTMENT(DEPARTMENT\_ID, NAME, LOCATION) VALUES (2, 'SALES', 'TOPEKA');

INSERT INTO DEPARTMENT(DEPARTMENT\_ID, NAME, LOCATION) VALUES (3, 'HUMAN RESOURCES', 'TOPEKA');

INSERT INTO DEPARTMENT(DEPARTMENT\_ID, NAME, LOCATION) VALUES (4, 'TESTING', 'ARLINGTON', 'UNITED STATES');

--INSERTING THREE RECORDS INTO EMPLOYEE TABLE

INSERT INTO EMPLOYEE(EMPLOYEE\_ID, FIRSTNAME,LASTNAME,SSN,DEPARTMENT\_DEPARTMENT\_ID,EMPLOYEE\_DETAILS\_EMP\_DETAILS\_ID)

VALUES(1,'THERESE','PARKS', 999999999, 1, 1);

INSERT INTO EMPLOYEE(EMPLOYEE\_ID, FIRSTNAME,LASTNAME,SSN,DEPARTMENT\_DEPARTMENT\_ID,EMPLOYEE\_DETAILS\_EMP\_DETAILS\_ID)

VALUES(2,'DAFFY','DUCK', 222222222, 2, 2);

INSERT INTO EMPLOYEE(EMPLOYEE\_ID, FIRSTNAME,LASTNAME,SSN,DEPARTMENT\_DEPARTMENT\_ID,EMPLOYEE\_DETAILS\_EMP\_DETAILS\_ID)

VALUES(3,'TINA','SMITH', 333333333, 3, 3);

--INSERTING VALUES INTO EMPLOYEE\_DETAILS TABLE

INSERT INTO EMPLOYEE\_DETAILS(EMPLOYEE\_DETAILS\_ID, EMPLOYEE\_ID, SARLARY, ADDRESS\_1, ADDRESS\_3)

VALUES(1,3,70000, '333 CHERRY TREE LANE', 'APT 5');

INSERT INTO EMPLOYEE\_DETAILS(EMPLOYEE\_DETAILS\_ID, EMPLOYEE\_ID, SARLARY, ADDRESS\_1, ADDRESS\_3)

VALUES(2,1,100000, '333 TERRY LANE', 'APT 9');

INSERT INTO EMPLOYEE\_DETAILS(EMPLOYEE\_DETAILS\_ID, EMPLOYEE\_ID, SARLARY, ADDRESS\_1, ADDRESS\_3)

VALUES(3,2,70000, '333 FOREVER LOST LANE', 'APT 9');

--LiST ALL EMPLOYESS IN MARKETING

SELECT COUNT( LASTNAME) FROM EMPLOYEE WHERE DEPARTMENT\_DEPARTMENT\_ID = 1;

-- REPORT TOTAL EMPLOYEES BY DEPARTMENT.

SELECT COUNT( NAME) FROM DEPARTMENT WHERE DEPARTMENT\_ID = 1;

SELECT COUNT( NAME) FROM DEPARTMENT WHERE DEPARTMENT\_ID = 2;

SELECT COUNT( NAME) FROM DEPARTMENT WHERE DEPARTMENT\_ID = 3;

-- REPORT TOTAL SALARY OF MARKETING;

SELECT SUM(SARLARY) TOTAL FROM EMPLOYEE\_DETAILS WHERE EMPLOYEE\_DETAILS.EMPLOYEE\_ID = 1;

-- INCREASE SALARY OF TINA SMITH TO $90,000.

UPDATE EMPLOYEE\_DETAILS

SET SARLARY = 90000

WHERE EMPLOYEE\_ID = 3;

SELECT \* FROM EMPLOYEE\_DETAILS;