USE ITB;

DROP TABLE IF EXISTS EMP;

DROP TABLE IF EXISTS DEPT;

DROP TABLE IF EXISTS SALGRADE;

CREATE TABLE DEPT (

DEPTNO INT NOT NULL,

DNAME VARCHAR(14),

LOC VARCHAR(13),

CONSTRAINT DEPT\_PRIMARY\_KEY PRIMARY KEY (DEPTNO));

INSERT INTO DEPT VALUES (10,'ACCOUNTING','NEW YORK');

INSERT INTO DEPT VALUES (20,'RESEARCH','DALLAS');

INSERT INTO DEPT VALUES (30,'SALES','CHICAGO');

INSERT INTO DEPT VALUES (40,'OPERATIONS','BOSTON');

CREATE TABLE EMP (

EMPNO INT NOT NULL,

ENAME VARCHAR(10),

JOB VARCHAR(9),

MGR INT,

HIREDATE DATE,

SAL DECIMAL(7,2),

COMM DECIMAL(7,2),

DEPTNO INT NOT NULL,

CONSTRAINT EMP\_DEPTNO\_FK FOREIGN KEY (DEPTNO) REFERENCES DEPT (DEPTNO),

CONSTRAINT EMP\_MGR\_FK FOREIGN KEY (MGR) REFERENCES EMP (EMPNO),

CONSTRAINT EMP\_EMPNO\_PK PRIMARY KEY (EMPNO));

INSERT INTO EMP VALUES (7839,'KING','PRESIDENT',NULL,'1981-11-14',5000,NULL,10);

INSERT INTO EMP VALUES (7698,'BLAKE','MANAGER',7839,'1981-05-01',2850,NULL,30);

INSERT INTO EMP VALUES (7782,'CLARK','MANAGER',7839,'1981-06-01',2450,NULL,10);

INSERT INTO EMP VALUES (7566,'JONES','MANAGER',7839,'1981-04-02',2975,NULL,20);

INSERT INTO EMP VALUES (7654,'MARTIN','SALESMAN',7698,'1981-09-28',1250,1400,30);

INSERT INTO EMP VALUES (7499,'ALLEN','SALESMAN',7698,'1981-02-20',1600,300,30);

INSERT INTO EMP VALUES (7844,'TURNER','SALESMAN',7698,'1981-09-08',1500,0,30);

INSERT INTO EMP VALUES (7900,'JAMES','CLERK',7698,'1981-12-03',950,NULL,30);

INSERT INTO EMP VALUES (7521,'WARD','SALESMAN',7698,'1981-02-22',1250,500,30);

INSERT INTO EMP VALUES (7902,'FORD','ANALYST',7566,'1981-12-03',3000,NULL,20);

INSERT INTO EMP VALUES (7369,'SMITH','CLERK',7902,'1980-12-17',800,NULL,20);

INSERT INTO EMP VALUES (7788,'SCOTT','ANALYST',7566,'1982-12-09',3000,NULL,20);

INSERT INTO EMP VALUES (7876,'ADAMS','CLERK',7788,'1983-01-12',1100,NULL,20);

INSERT INTO EMP VALUES (7934,'MILLER','CLERK',7782,'1982-01-23',1300,NULL,10);

CREATE TABLE SALGRADE (

GRADE INT,

LOSAL INT,

HISAL INT);

INSERT INTO SALGRADE VALUES (1,700,1200);

INSERT INTO SALGRADE VALUES (2,1201,1400);

INSERT INTO SALGRADE VALUES (3,1401,2000);

INSERT INTO SALGRADE VALUES (4,2001,3000);

INSERT INTO SALGRADE VALUES (5,3001,9999);