create table dept(

deptno int,

dname varchar(14),

loc varchar(13),

constraint pk\_dept primary key (deptno)

);

create table emp(

empno int,

ename varchar(10),

job varchar(9),

mgr int,

hiredate date,

sal int,

comm int,

deptno int,

constraint pk\_emp primary key (empno),

constraint fk\_deptno foreign key (deptno) references dept (deptno)

);

create table bonus(

ename varchar(10),

job varchar(9),

sal int,

comm int

);

create table salgrade(

grade int,

losal int,

hisal int

);

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');

insert into emp values(7839, 'KING', 'PRESIDENT', null,'1981-11-19', 5000, null, 10);

insert into emp values(7698, 'BLAKE', 'MANAGER', 7839,'1981-5-1', 2850, null, 30);

insert into emp values(7782, 'CLARK', 'MANAGER', 7839,'1981-6-9', 2450, null, 10);

insert into emp values(7566, 'JONES', 'MANAGER', 7839,'1981-4-2', 2975, null, 20);

insert into emp values(7788, 'SCOTT', 'ANALYST', 7566,'1987-9-23', 3000, null, 20);

insert into emp values(7902, 'FORD', 'ANALYST', 7566,'1981-12-3', 3000, null, 20);

insert into emp values(7369, 'SMITH', 'CLERK', 7902,'1980-12-17', 800, null, 20);

insert into emp values(7499, 'ALLEN', 'SALESMAN', 7698,'1981-2-20', 1600, 300, 30);

insert into emp values(7521, 'WARD', 'SALESMAN', 7698,'1981-2-22', 1250, 500, 30);

insert into emp values(7654, 'MARTIN', 'SALESMAN', 7698,'1981-9-22', 1250, 1400, 30);

insert into emp values(7844, 'TURNER', 'SALESMAN', 7698,'1981-9-8', 1500, 0, 30);

insert into emp values(7876, 'ADAMS', 'CLERK', 7788,'1987-8-24', 1100, null, 20);

insert into emp values(7900, 'JAMES', 'CLERK', 7698,'1981-12-3', 950, null, 30);

insert into emp values(7934, 'MILLER', 'CLERK', 7782,'1982-1-23', 1300, null, 10);

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);

commit;





