CREATE TABLE EMP

( EMPNO NUMBER(4) NOT NULL,

ENAME VARCHAR2(10),

JOB VARCHAR2(9),

MGR NUMBER(4),

HIREDATE DATE,

SAL NUMBER(7,2),

COMM NUMBER(7,2),

DEPTNO NUMBER(2),

PHONENO NUMBER(10),

ADDRESS VARCHAR2(20));

INSERT INTO EMP VALUES(7369, 'SMITH', 'CLERK', 7902, '17-DEC-80', 800, NULL , 20,NULL ,NULL );

INSERT INTO EMP VALUES(7499, 'ALLEN', 'SALESMAN', 7698, '20-FEB-81', 1600, 300, 30,NULL ,NULL );

INSERT INTO EMP VALUES(7521, 'WARD', 'SALESMAN', 7698, '22-FEB-81', 1250, 500, 30,NULL ,NULL );

INSERT INTO EMP VALUES(7566, 'JONES', 'MANAGER', 7839, '02-APR-81', 2975, NULL, 20,NULL ,NULL );

INSERT INTO EMP VALUES(7654, 'MARTIN' , 'SALESMAN' , 7698, '28-SEP-81', 1250, 1400 ,30,NULL ,NULL );

INSERT INTO EMP VALUES(7698, 'BLAKE' , 'MANAGER' , 7839, '01-MAY-81', 2850, NULL,30,NULL ,NULL );

INSERT INTO EMP VALUES(7782, 'CLARK', 'MANAGER', 7839, '09-JUN-81', 2450,NULL,10,NULL ,NULL );

INSERT INTO EMP VALUES( 7788, 'SCOTT', 'ANALYST', 7566, '19-APR-87', 3000, NULL,20,NULL ,NULL );

INSERT INTO EMP VALUES( 7839, 'KING', 'PRESIDENT', null, '17-NOV-81', 5000, NULL, 10,NULL ,NULL );

INSERT INTO EMP VALUES(7844, 'TURNER', 'SALESMAN', 7698, '08-SEP-81', 1500 , 0, 30,NULL ,NULL );

INSERT INTO EMP VALUES(7876, 'ADAMS', 'CLERK', 7788, '23-MAY-87' , 1100 , NULL, 20,NULL ,NULL );

INSERT INTO EMP VALUES(7900, 'JAMES', 'CLERK', 7698, '03-DEC-81', 950,NULL,30,NULL ,NULL );

INSERT INTO EMP VALUES(7902, 'FORD', 'ANALYST', 7566, '03-DEC-81', 3000, NULL, 20,NULL ,NULL );

INSERT INTO EMP VALUES(7934, 'MILLER', 'CLERK', 7782, '23-JAN-82', 1300 ,NULL,10, NULL ,NULL );

create table dept(

  deptno number(2,0),

  dname  varchar2(14),

  loc    varchar2(13),

  constraint pk\_dept 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 salgrade(

  grade number,

  losal number,

  hisal number

);

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);