SQL> create table department

2 (

3 dname varchar(10),

4 dnum number(2),

5 mgr\_ssn number(3),

6 mgr\_ssn\_date date

7 );

Table created.

SQL> desc department ;

Name Null? Type

----------------------------------------- -------- ----------------------------

DNAME VARCHAR2(10)

DNUM NUMBER(2)

MGR\_SSN NUMBER(3)

MGR\_SSN\_DATE DATE

SQL> insert into department values('cs','1','001','15-jun-2020');

1 row created.

SQL> insert into department values('dmt','2','002','20-may-2022');

1 row created.

SQL> insert into department values('mech','3','003','25-mar-2023');

1 row created.

SQL> insert into department values('civil','4','004','05-jul-2020');

1 row created.

SQL> insert into department values('ec','5','005','08-oct-2023');

1 row created.

SQL> select \* from department ;

DNAME DNUM MGR\_SSN MGR\_SSN\_D

---------- ---------- ---------- ---------

cs 1 1 15-JUN-20

dmt 2 2 20-MAY-22

mech 3 3 25-MAR-23

civil 4 4 05-JUL-20

ec 5 5 08-OCT-23

SQL> create table dept\_location05

2 (

3 dnumber number(3),

4 dlocation varchar(10)

5 );

Table created.

SQL> desc dept\_location05;

Name Null? Type

----------------------------------------- -------- ----------------------------

DNUMBER NUMBER(3)

DLOCATION VARCHAR2(10)

SQL> insert into dept\_location05 values('002','mysore');

1 row created.

SQL> insert into dept\_location05 values('858','nanjangud');

1 row created.

SQL> insert into dept\_location05 values('654','bangalore');

1 row created.

SQL> insert into dept\_location05 values('187','raichur');

1 row created.

SQL> insert into dept\_location05 values('654','delhi');

1 row created.

SQL> select \* from dept\_location05 ;

DNUMBER DLOCATION

---------- ----------

2 mysore

858 nanjangud

654 bangalore

187 raichur

654 delhi

SQL> create table project08

2 (

3 pname varchar(15),

4 pnumber number(15),

5 plocation varchar(15),

6 dnum number(15)

7 );

Table created.

SQL> desc project08 ;

Name Null? Type

----------------------------------------- -------- ----------------------------

PNAME VARCHAR2(15)

PNUMBER NUMBER(15)

PLOCATION VARCHAR2(15)

DNUM NUMBER(15)

SQL> insert into project08 values('educational','54347850','tumkur','87764529');

1 row created.

SQL> insert into project08 values('power','857635751','kerala','25767764');

1 row created.

SQL> insert into project08 values('construction','123456784','assam','278774346');

1 row created.

SQL> insert into project08 values('health','765443687','bengal','587946154');

1 row created.

SQL> insert into project08 values('metro','2006200385','japan','2022202385');

1 row created.

SQL> select \* from project08 ;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

educational 54347850 tumkur 87764529

power 857635751 kerala 25767764

construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

SQL> create table works\_no04

2 (

3 eid number(15),

4 pno number(15),

5 hours number(15)

6 );

Table created.

SQL> desc works\_no04;

Name Null? Type

----------------------------------------- -------- ----------------------------

EID NUMBER(15)

PNO NUMBER(15)

HOURS NUMBER(15)

SQL> insert into works\_no04 values('896875','768709','7');

1 row created.

SQL> insert into works\_no04 values('52543','32486741','5');

1 row created.

SQL> insert into works\_no04 values('6714','54687876','9');

SQL> insert into works\_no04 values('6725','8926878938','8');

1 row created.

SQL> insert into works\_no04 values('82699','736493478','5');

1 row created.

SQL> insert into works\_no04 values('8760','785653789','2');

1 row created.

SQL> select \* from works\_no04 ;

EID PNO HOURS

-------- ---------- ----------

896875 768709 7

52543 32486741 5

6714 54687876 9

6725 8926878938 8

82699 736493478 5

8760 785653789 2

SQL> create table dependent22

2 (

3 gender varchar(15),

4 dob varchar(20),

5 relationship varchar(20)

6 );

Table created.

SQL> desc dependent22;

Name Null? Type

----------------------------------------- -------- ----------------------------

GENDER VARCHAR2(15)

DOB VARCHAR2(20)

RELATIONSHIP VARCHAR2(20)

SQL> insert into dependent22 values('female','05-mar-2003','friend');

1 row created.

SQL> insert into dependent22 values('female','06-may-2007','sister');

1 row created.

SQL> insert into dependent22 values('male','10-aug-2008','brother');

1 row created.

SQL> insert into dependent22 values('female','18-may-1974','mother');

1 row created.

SQL> insert into dependent22 values('male','27-jul-1972','father');

1 row created.

SQL> insert into dependent22 values('female','08-jun-2006','self');

1 row created.

SQL> select \* from dependent22 ;

GENDER DOB RELATIONSHIP

--------------- -------------------- --------------------

female 05-mar-2003 friend

female 06-may-2007 sister

male 10-aug-2008 brother

female 18-may-1974 mother

male 27-jul-1972 father

female 08-jun-2006 self

SQL> create table employee23

2 (

3 sl\_no number(5),

4 name varchar(15),

5 gender varchar(8),

6 dob varchar(15),

7 eid varchar(10),

8 address varchar(15),

9 salary number(10),

10 sid number(5),

11 dno number(2)

12 );

Table created.

SQL> desc employee23;

Name Null? Type

----------------------------------------- -------- ----------------------------

SL\_NO NUMBER(5)

NAME VARCHAR2(15)

GENDER VARCHAR2(8)

DOB VARCHAR2(15)

EID VARCHAR2(10)

ADDRESS VARCHAR2(15)

SALARY NUMBER(10)

SID NUMBER(5)

DNO NUMBER(2)

SQL> insert into employee23 values('1','sinchu','female','16-sep-1999','business','myore','10000','

6578','01');

1 row created.

SQL> insert into employee23 values('2','prakruthi','female','02-mar-2000','finace','nanjangud','1500

0','1234','02');

1 row created.

SQL> insert into employee23 values('3','spoorthi','feamle','28-feb-1998','organizer','banglore','20

00','5678','03');

1 row created.

SQL> insert into employee23 values('4','sanjana','female','08-jun-1999','employee','chennai','2500',

'7890','04');

1 row created.

SQL> insert into employee23 values('5','harshini','female','14-jan-2002','finance','bangalore','1500

0','6789','05');

1 row created.

SQL> select \* from employee23 ;

SL\_NO NAME GENDER DOB EID ADDRESS

---------- --------------- -------- --------------- ---------- ---------------

SALARY SID DNO

---------- ---------- ----------

1 sinchu female 16-sep-1999 business myore

10000 6578 1

2 prakruthi female 02-mar-2000 finace nanjangud

15000 1234 2

3 spoorthi feamle 28-feb-1998 organizer banglore

2000 5678 3

SL\_NO NAME GENDER DOB EID ADDRESS

---------- --------------- -------- --------------- ---------- ---------------

SALARY SID DNO

---------- ---------- ----------

4 sanjana female 08-jun-1999 employee chennai

2500 7890 4

5 harshini female 14-jan-2002 finance bangalore

15000 6789 5

SQL> desc project08;

Name Null? Type

----------------------------------------- -------- ----------------------------

PNAME VARCHAR2(15)

PNUMBER NUMBER(15)

PLOCATION VARCHAR2(15)

DNUM NUMBER(15)

SQL> select \* from project08;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

educational 54347850 tumkur 87764529

power 857635751 kerala 25767764

construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

SQL> alter table project08 add sl\_no number(5);

Table altered.

SQL> select \* from project08;

PNAME PNUMBER PLOCATION DNUM SL\_NO

--------------- ---------- --------------- ---------- ----------

educational 54347850 tumkur 87764529

power 857635751 kerala 25767764

construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

SQL> alter table project08 drop column sl\_no;

Table altered.

SQL> select \* from project08;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

educational 54347850 tumkur 87764529

power 857635751 kerala 25767764

construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

SQL> select \* from project08;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

educational 54347850 tumkur 87764529

power 857635751 kerala 25767764

construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

SQL> update project08 set pname='solar' where plocation='tumkur';

1 row updated.

SQL> select \* from project08;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

solar 54347850 tumkur 87764529

power 857635751 kerala 25767764

construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

SQL> select \* from project08 order by pname;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

power 857635751 kerala 25767764

solar 54347850 tumkur 87764529

SQL> select \* from project08 order by plocation;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

Construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

power 857635751 kerala 25767764

solar 54347850 tumkur 87764529

SQL> select \* from project08 order by plocation ASC;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

construction 123456784 assam 278774346

health 765443687 bengal 587946154

metro 2006200385 japan 2022202385

power 857635751 kerala 25767764

solar 54347850 tumkur 87764529

SQL> select \* from project08 order by plocation DESC;

PNAME PNUMBER PLOCATION DNUM

--------------- ---------- --------------- ----------

solar 54347850 tumkur 87764529

power 857635751 kerala 25767764

metro 2006200385 japan 2022202385

health 765443687 bengal 587946154

construction 123456784 assam 278774346