SQL> create table emp(empno number(4), ename varchar2(10), job varchar2(9), mgr number(4), sal number(7,2), comm number(7,2), deptno number(3));

Table created.

SQL> create table manager(mgr number(4), mname varchar2(10));

Table created.

SQL> create table manager(mgr number(4), mname varchar2(10));

Table created.

SQL> insert into emp values(1,'jack','Manager',7902,20000,10000,1);

1 row created.

SQL> insert into emp values(2,'raju s','employee',7566,35000,10000,2);

1 row created.

SQL> insert into emp values(3,'ramu s','teacher',7789,25000,10000,3);

1 row created.

SQL> create view v1 as select ename,sal from emp where sal between 15000 and 35000;

View created.

SQL> select * from v1;

ENAME   SAL

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

jack   20000

raju s   35000

ramu s   25000

SQL> insert into manager values(7902,'Aditya');

1 row created.

SQL> insert into manager values(7566,'Utkarsh');

1 row created.

SQL> insert into manager values(7789,'Jill');

1 row created.

SQL> create view v2 as select ename,mname from emp full outer join manager on emp.mgr=manager.mgr where emp.mgr=7902 or emp.mgr=7566 or emp.mgr=7789;

View created.

SQL> select * from v2;

ENAME   MNAME

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

jack   Aditya

raju s   Utkarsh

ramu s   Jill

SQL> create view v3 as select ename,job from emp where job like '%m%' or job like '%p%';

View created.

SQL> select * from v3;

ENAME   JOB

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

raju s   employee

SQL> create view v4 as select distinct job from emp;

View created.

SQL> select * from v4;

JOB

Manager

employee

teacher

SQL> select max(sal)-min(sal) from emp;

MAX(SAL)-MIN(SAL)

        15000

SQL> create view v6 as select ename,sal from emp where job like 'm%' and sal >(select min(sal) from emp);

View created.

SQL> select * from v6;

no rows selected

SQL> create view v as select * from emp;

View created.

SQL> select * from v;


```
    EMPNO ENAME     JOB          MGR      SAL     COMM    DEPTNO
---------- ---------- --------- ---------- ---------- ---------- ----------
        1 jack      Manager     7902    20000    10000       1
        2 raju s    employee    7566    35000    10000       2
        3 ramu s    teacher     7789    25000    10000       3
```


SQL> update emp set sal=50000 where ename like 'raju%';

1 row updated.

SQL> create or replace view v as select * from emp;

View created.

SQL> select * from v;

```
    EMPNO ENAME     JOB         MGR      SAL     COMM    DEPTNO
---------- ---------- --------- ---------- ---------- ---------- ----------
     1 jack      Manager      7902    20000    10000      1
     2 raju s    employee     7566    50000    10000      2
     3 ramu s    teacher      7789    25000    10000      3
```

SQL> insert into v values(4,'reje','professor',12,22222,2222,5);

1 row created.

SQL> select * from v;

```
    EMPNO ENAME     JOB         MGR      SAL     COMM    DEPTNO
---------- ---------- --------- ---------- ---------- ---------- ----------
     1 jack      Manager      7902    20000    10000      1
     2 raju s    employee     7566    50000    10000      2
     3 ramu s    teacher      7789    25000    10000      3
     4 reje      professor     12    22222    2222       5
```

SQL> delete from v where mgr=12;

1 row deleted.

SQL> select * from v;

```
    EMPNO ENAME    JOB         MGR     SAL    COMM    DEPTNO
---------- ---------- --------- ---------- ---------- ---------- ----------
     1 jack     Manager     7902   20000   10000      1
     2 raju s   employee    7566   50000   10000      2
     3 ramu s   teacher     7789   25000   10000      3
```

SQL> alter table emp add (age number(5));

Table altered.

SQL> update table amp set age as 70;

Table altered.

SQL> create view v as select * from emp;

View created.

SQL> delete from v where age>60;

0 row updated.