SQL> create table student(sid number(3) primary key, fname varchar2(20), lname varchar2(20), age number(3));

Table created.

SQL> create table department(sid number(3), deptid varchar2(3));

Table created.

SQL> create table contact(sid number(3), email varchar2(20), mobno number(10));

Table created.

SQL> alter table department add(constraint dfk foreign key(sid) references student(sid));

Table altered.

SQL> select \* from student;

SID FNAME LNAME AGE

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

1 A B 10

2 C E 15

3 D F 20

4 G H 17

5 I J 18

6 K L 19

6 rows selected.

SQL> select \* from department;

SID DEPTID

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

1 CS

2 MATHS

3 MATHS

4 CIVIL

5 CIVIL

5 CS

6 rows selected.

SQL> select \* from contact;

SID EMAIL MOBNO

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

1 abc@gmail.com 12345

2 def@gmail.com 6789

3 ghi@gmail.com 1011

4 jkl@gmail.com 1112

5 mno@gmail.com 1213

6 pqr@gmail.com 1314

SQL> create view myview as select s.sid,s.fname,d.deptid,c.email from student s,department d,contact c where s.sid=d.sid and s.sid=c.sid;

View created.

SQL> select \* from myview;

SID FNAME DEPTID EMAIL

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

1 A CS abc@gmail.com

2 C MATHS def@gmail.com

3 D MATHS ghi@gmail.com

4 G CIVIL jkl@gmail.com

5 I CS mno@gmail.com

5 I CIVIL mno@gmail.com

6 rows selected.

SQL> create view cview as select \* from contact;

View created.

SQL> select \* from cview;

SID EMAIL MOBNO

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

1 abc@gmail.com 12345

2 def@gmail.com 6789

3 ghi@gmail.com 1011

4 jkl@gmail.com 1112

5 mno@gmail.com 1213

6 pqr@gmail.com 1314

6 rows selected.

SQL> select \* from contact;

SID EMAIL MOBNO

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

1 abc@gmail.com 12345

2 def@gmail.com 6789

3 ghi@gmail.com 1011

4 jkl@gmail.com 1112

5 mno@gmail.com 1213

6 pqr@gmail.com 1314

6 rows selected.

SQL> update contact set mobno=960019 where sid = 2;

1 row updated.

SQL> select \* from contact;

SID EMAIL MOBNO

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

1 abc@gmail.com 12345

2 def@gmail.com 960019

3 ghi@gmail.com 1011

4 jkl@gmail.com 1112

5 mno@gmail.com 1213

6 pqr@gmail.com 1314

6 rows selected.

SQL> select \* from cview;

SID EMAIL MOBNO

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

1 abc@gmail.com 12345

2 def@gmail.com 960019

3 ghi@gmail.com 1011

4 jkl@gmail.com 1112

5 mno@gmail.com 1213

6 pqr@gmail.com 1314

6 rows selected.

SQL> update cview set mobno=917626 where sid = 1;

1 row updated.

SQL> select \* from contact;

SID EMAIL MOBNO

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

1 abc@gmail.com 917626

2 def@gmail.com 960019

3 ghi@gmail.com 1011

4 jkl@gmail.com 1112

5 mno@gmail.com 1213

6 pqr@gmail.com 1314

6 rows selected.

SQL> select \* from cview;

SID EMAIL MOBNO

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

1 abc@gmail.com 917626

2 def@gmail.com 960019

3 ghi@gmail.com 1011

4 jkl@gmail.com 1112

5 mno@gmail.com 1213

6 pqr@gmail.com 1314

6 rows selected.