

```
SQL> create table student(rno number(2) primary key,firstname varchar2(10),lastname  
varchar2(10),age number(2));
```

Table created.

```
SQL> insert into student values(10,'ashok','kumar',20);
```

1 row created.

```
SQL> insert into student values(11,'siva','prakash',22);
```

1 row created.

```
SQL> insert into student values(12,'muthu','krishna',25);
```

1 row created.

```
SQL> insert into student values(13,'dilli','babu',30);
```

1 row created.

```
SQL> insert into student values(14,'ranjith','kumar',32);
```

1 row created.

```
SQL> select *from student;
```

RNO	FIRSTNAME	LASTNAME	AGE
-----			
10	ashok	kumar	20
11	siva	prakash	22
12	muthu	krishna	25
13	dilli	babu	30
14	ranjith	kumar	32

```
SQL> create table dept(rno number(2),deptname varchar2(10));
```

Table created.

```
SQL> insert into dept values(10,'cs');
```

1 row created.

```
SQL> insert into dept values(11,'maths');
```

1 row created.

```
SQL> insert into dept values(12,'maths');
```

1 row created.

```
SQL> insert into dept values(13,'physics');
```

1 row created.

```
SQL> insert into dept values(14,'chemistry');
```

1 row created.

```
SQL> select * from dept;
```

RNO	DEPTNAME
10	cs
11	maths
12	maths
13	physics
14	chemistry

```
SQL> alter table dept add foreign key(rno) references student(rno);
```

Table altered.

```
SQL> create table contact(rno number(2),email varchar2(15),mno number(10));
```

Table created.

```
SQL> insert into contact values(10,'abc@gmail',9876543210);
```

1 row created.

```
SQL> insert into contact values(11,'hgg@gmail',1234567809);
```

1 row created.

```
SQL> insert into contact values(12,'juh@gmail',9786543210);
```

1 row created.

```
SQL> insert into contact values(13,'kjin@gmail',8769542209);
```

1 row created.

```
SQL> insert into contact values(14,'mnb@gmail',9087564321);
```

1 row created.

```
SQL> select * from contact;
```

RNO	EMAIL	MNO
10	abc@gmail	9876543210
11	hgg@gmail	1234567809
12	juh@gmail	9786543210

13 kjn@gmail 8769542209

14 mnb@gmail 9087564321

```
SQL> alter table contact add foreign key(rno) references student(rno);
```

Table altered.

```
SQL> create view aswin as select s.rno,s.firstname,d.deptname,c.email from student s,dept
d,contact c where s.rno=d.rno and s.rno=c.rno;
```

View created.

```
SQL> select *from aswin;
```

RNO	FIRSTNAME	DEPTNAME	EMAIL
-----	-----------	----------	-------

-----

10	ashok	cs	abc@gmail
----	-------	----	-----------

11	siva	maths	hgg@gmail
----	------	-------	-----------

12	muthu	maths	juh@gmail
----	-------	-------	-----------

13	dilli	physics	kjn@gmail
----	-------	---------	-----------

14	ranjith	chemistry	mnb@gmail
----	---------	-----------	-----------

```
SQL> create view aswin1 as select *from contact;
```

View created.

```
SQL> update aswin1 set mno=7890654321 where rno=13;
```

1 row updated.

```
SQL> select * from aswin1;
```

RNO	EMAIL	MNO
10	abc@gmail	9876543210
11	hgg@gmail	1234567809
12	juh@gmail	9786543210
13	kjn@gmail	7890654321
14	mnb@gmail	9087564321

```
SQL> select * from contact;
```

RNO	EMAIL	MNO
10	abc@gmail	9876543210
11	hgg@gmail	1234567809
12	juh@gmail	9786543210
13	kjn@gmail	7890654321
14	mnb@gmail	9087564321







