SQL> create table department(deptid int primary key,deptname varchar(20),city varchar(20));

Table created.

SQL> create table employee(empid int primary key,empname varchar(20),deptid int,foreign key(deptid) references department(deptid),salary number(30));

Table created.

SQL> desc department;

Name Null? Type

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

DEPTID NOT NULL NUMBER(38)

DEPTNAME VARCHAR2(20)

CITY VARCHAR2(20)

SQL> desc employee;

Name Null? Type

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

EMPID NOT NULL NUMBER(38)

EMPNAME VARCHAR2(20)

DEPTID NUMBER(38)

SALARY NUMBER(30)

SQL> insert into department values(&deptid,'&deptname','&city');

Enter value for deptid: 1

Enter value for deptname: mca

Enter value for city: ernakulam

old 1: insert into department values(&deptid,'&deptname','&city')

new 1: insert into department values(1,'mca','ernakulam')

1 row created.

SQL> /

Enter value for deptid: 2

Enter value for deptname: eee

Enter value for city: kottayam

old 1: insert into department values(&deptid,'&deptname','&city')

new 1: insert into department values(2,'eee','kottayam')

1 row created.

SQL> /

Enter value for deptid: 3

Enter value for deptname: mech

Enter value for city: kottayam

old 1: insert into department values(&deptid,'&deptname','&city')

new 1: insert into department values(3,'mech','kottayam')

1 row created.

SQL> /

Enter value for deptid: 4

Enter value for deptname: civil

Enter value for city: kochi

old 1: insert into department values(&deptid,'&deptname','&city')

new 1: insert into department values(4,'civil','kochi')

1 row created.

SQL> /

Enter value for deptid: 5

Enter value for deptname: ec

Enter value for city: tvm

old 1: insert into department values(&deptid,'&deptname','&city')

new 1: insert into department values(5,'ec','tvm')

1 row created.

SQL> insert into employee values(&empid,'&empname','&deptid',&salary);

Enter value for empid: 111

Enter value for empname: shalini

Enter value for deptid: 1

Enter value for salary: 20000

old 1: insert into employee values(&empid,'&empname','&deptid',&salary)

new 1: insert into employee values(111,'shalini','1',20000)

1 row created.

SQL> /

Enter value for empid: 121

Enter value for empname: anandhan

Enter value for deptid: 5

Enter value for salary: 10000

old 1: insert into employee values(&empid,'&empname','&deptid',&salary)

new 1: insert into employee values(121,'anandhan','5',10000)

1 row created.

SQL> /

Enter value for empid: 133

Enter value for empname: sanju

Enter value for deptid: 3

Enter value for salary: 10000

old 1: insert into employee values(&empid,'&empname','&deptid',&salary)

new 1: insert into employee values(133,'sanju','3',10000)

1 row created.

SQL> /

Enter value for empid: 7856

Enter value for empname: mahi

Enter value for deptid: 4

Enter value for salary: 200000

old 1: insert into employee values(&empid,'&empname','&deptid',&salary)

new 1: insert into employee values(7856,'mahi','4',200000)

1 row created.

SQL> /

Enter value for empid: 786

Enter value for empname: safar

Enter value for deptid: 1

Enter value for salary: 100000

old 1: insert into employee values(&empid,'&empname','&deptid',&salary)

new 1: insert into employee values(786,'safar','1',100000)

1 row created.

SQL> select \* from department,employee where employee.deptid=department.deptid;

DEPTID DEPTNAME CITY EMPID

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

EMPNAME DEPTID SALARY

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

1 mca ernakulam 111

shalini 1 20000

5 ec tvm 121

anandhan 5 10000

3 mech kottayam 133

sanju 3 10000

DEPTID DEPTNAME CITY EMPID

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

EMPNAME DEPTID SALARY

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

4 civil kochi 7856

mahi 4 200000

1 mca ernakulam 786

safar 1 100000

SQL> select \* from department;

DEPTID DEPTNAME CITY

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

1 mca ernakulam

2 eee kottayam

3 mech kottayam

4 civil kochi

5 ec tvm

SQL> select \* from employee;

EMPID EMPNAME DEPTID SALARY

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

111 shalini 1 20000

121 anandhan 5 10000

133 sanju 3 10000

7856 mahi 4 200000

786 safar 1 100000

SQL> update department set city='chennai' where deptid='3';

1 row updated.

SQL> select empname,deptname from employee,department where employee.deptid=department.deptid;

EMPNAME DEPTNAME

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

safar mca

shalini mca

sanju mech

mahi civil

anandhan ec

SQL> select empname from employee,department where city='chennai' and employee.deptid=department.deptid;

EMPNAME

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

sanju

SQL> delete from employee where empname='anandhan';

1 row deleted.

SQL> select \* from employee;

EMPID EMPNAME DEPTID SALARY

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

111 shalini 1 20000

133 sanju 3 10000

7856 mahi 4 200000

786 safar 1 100000

SQL> update employee set salary=salary+500 where deptid='1';

2 rows updated.

SQL> select \* from employee;

EMPID EMPNAME DEPTID SALARY

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

111 shalini 1 20500

133 sanju 3 10000

7856 mahi 4 200000

786 safar 1 100500

SQL> select empname,deptname from employee,department where salary>50000 and employee.deptid=department.deptid;

EMPNAME DEPTNAME

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

safar mca

mahi civil

SQL> delete from department where deptid='5';

1 row deleted.