SQL> create table department(deptid int primary key,deptname varchar(15),city varchar(15));

Table created.

SQL> create table employee(empid int primary key,name varchar(15),deptid int foreign key references department(deptid),salary number(7,2));

create table employee(empid int primary key,name varchar(15),deptid int foreign key references department(deptid),salary number(7,2))

\*

ERROR at line 1:

ORA-00907: missing right parenthesis

SQL> create table employee(empid int primary key,name varchar(15),deptid int foreign key reference department(deptid),salary number(7,2));

create table employee(empid int primary key,name varchar(15),deptid int foreign key reference department(deptid),salary number(7,2))

\*

ERROR at line 1:

ORA-00907: missing right parenthesis

SQL> create table employee(empid int primary key,name varchar(15),deptid int,foreign key(deptid)references department(deptid),salary number(7,2));

create table employee(empid int primary key,name varchar(15),deptid int,foreign key(deptid)references department(deptid),salary number(7,2))

\*

ERROR at line 1:

ORA-00955: name is already used by an existing object

SQL> desc employee;

Name Null? Type

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

EMPID NOT NULL VARCHAR2(10)

NAME VARCHAR2(20)

DEPARTMENT VARCHAR2(20)

SALARY NUMBER(7,2)

CITY VARCHAR2(20)

JOINING\_DATE DATE

SQL> drop table employee;

Table dropped.

SQL> create table employee(empid int primary key,name varchar(15),deptid int foreign key reference department(deptid),salary number(7,2));

create table employee(empid int primary key,name varchar(15),deptid int foreign key reference department(deptid),salary number(7,2))

\*

ERROR at line 1:

ORA-00907: missing right parenthesis

SQL> create table employee(empid int primary key,name varchar(15),deptid int,foreign key(deptid)references department(deptid),salary number(7,2));

Table created.

SQL> desc employee;

Name Null? Type

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

EMPID NOT NULL NUMBER(38)

NAME VARCHAR2(15)

DEPTID NUMBER(38)

SALARY NUMBER(7,2)

SQL> desc department;

Name Null? Type

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

DEPTID NOT NULL NUMBER(38)

DEPTNAME VARCHAR2(15)

CITY VARCHAR2(15)

SQL> insert into department values(1,'sales','kochi');

1 row created.

SQL> insert into department values(2,'finance','kottayam');

1 row created.

SQL> insert into department values(3,'hr','kottayam');

1 row created.

SQL> insert into department values(4,'socialmedia','calicut');

1 row created.

SQL> insert into department values(5,'development','trivandrum');

1 row created.

SQL> alter table employee modify empid varchar(5);

Table altered.

SQL> insert into employee values('e001','pinky',6,3000);

insert into employee values('e001','pinky',6,3000)

\*

ERROR at line 1:

ORA-02291: integrity constraint (SYSTEM.SYS\_C004046) violated - parent key not

found

SQL> insert into employee values('e001','pinky',3,3000);

1 row created.

SQL> insert into employee values('e002','minky',5,6000);

1 row created.

SQL> insert into employee values('e003','tinky',1,2000);

1 row created.

SQL> insert into employee values('e004','meera',2,13470);

1 row created.

SQL> insert into employee values('e005','hari',4,18470);

1 row created.

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

select \* from department,employee where deptno.department=empid.employee

\*

ERROR at line 1:

ORA-00904: "EMPID"."EMPLOYEE": invalid identifier

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

select \* from department,employee where employee.deptno=department.deptno

\*

ERROR at line 1:

ORA-00904: "DEPARTMENT"."DEPTNO": invalid identifier

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

select \* from employee,department where employee.deptno=department.deptno

\*

ERROR at line 1:

ORA-00904: "DEPARTMENT"."DEPTNO": invalid identifier

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

select \* from employee,department where employee.deptno = department.deptno

\*

ERROR at line 1:

ORA-00904: "DEPARTMENT"."DEPTNO": invalid identifier

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

EMPID NAME DEPTID SALARY DEPTID DEPTNAME

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

CITY

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

e003 tinky 1 2000 1 sales

kochi

e004 meera 2 13470 2 finance

kottayam

e001 pinky 3 3000 3 hr

kottayam

EMPID NAME DEPTID SALARY DEPTID DEPTNAME

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

CITY

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

e005 hari 4 18470 4 socialmedia

calicut

e002 minky 5 6000 5 development

trivandrum

SQL> update employee set deptno=3 where empid=1;

update employee set deptno=3 where empid=1

\*

ERROR at line 1:

ORA-00904: "DEPTNO": invalid identifier

SQL> update employee set deptid=3 where empid=1;

update employee set deptid=3 where empid=1

\*

ERROR at line 1:

ORA-01722: invalid number

SQL> update employee set deptid=3 where empid='e002';

1 row updated.

SQL> update employee set salary=salary+500 where deptid=3;

2 rows updated.

SQL> delete from employee where empid='e004';

1 row deleted.

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

EMPID NAME DEPTID SALARY DEPTID DEPTNAME

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

CITY

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

e003 tinky 1 2000 1 sales

kochi

e002 minky 3 6500 3 hr

kottayam

e001 pinky 3 3500 3 hr

kottayam

EMPID NAME DEPTID SALARY DEPTID DEPTNAME

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

CITY

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

e005 hari 4 18470 4 socialmedia

calicut

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

select name,deptname from employee,department where employee.empid=department.deptid

\*

ERROR at line 1:

ORA-01722: invalid number

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

NAME DEPTNAME

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

tinky sales

minky hr

pinky hr

hari socialmedia

SQL> select name,deptname from employee,department;

NAME DEPTNAME

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

pinky sales

pinky finance

pinky hr

pinky socialmedia

pinky development

minky sales

minky finance

minky hr

minky socialmedia

minky development

tinky sales

NAME DEPTNAME

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

tinky finance

tinky hr

tinky socialmedia

tinky development

hari sales

hari finance

hari hr

hari socialmedia

hari development

20 rows selected.

SQL> delete from employee where name='meera';

0 rows deleted.

SQL> delete from employee where name='tinky';

1 row deleted.

SQL> select name,deptname from employee,department where salary>6000 and employee.deptid=department.deptid;

NAME DEPTNAME

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

minky hr

hari socialmedia

SQL> select name,deptname from employee,department where city='kottayam'and employee.deptid=department.deptid;

NAME DEPTNAME

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

pinky hr

minky hr

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

EMPID NAME DEPTID SALARY DEPTID DEPTNAME

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

CITY

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

e002 minky 3 6500 3 hr

kottayam

e001 pinky 3 3500 3 hr

kottayam

e005 hari 4 18470 4 socialmedia

calicut

SQL>