

```
SQL> create table touroperator(toid char(6), cname char(15), phone char(10), Aname
char(10) not null,
2 primary key (toid));
```

Table created.

```
SQL> desc touroperator
```

Name	Null?	Type
TOID	NOT NULL	CHAR(6)
CNAME		CHAR(15)
PHONE		CHAR(10)
ANAME	NOT NULL	CHAR(10)

```
SQL> create table airline_S(Aname char(10), website char(100), phone char(10), toid
char(6) not null,
2 primary key (Aname), foreign key(toid) references touroperator on delete
cascade);
```

Table created.

```
SQL> desc airline
```

```
ERROR:
ORA-04043: object airline does not exist
```

```
SQL> desc airline_s;
```

Name	Null?	Type
ANAME	NOT NULL	CHAR(10)
WEBSITE		CHAR(100)
PHONE		CHAR(10)
TOID	NOT NULL	CHAR(6)

```
SQL> create table repersentative_S(rid char(6), rname char(15), phone char(10),
toid char(6) not null, mid char(9),
2 primary key (rid), foreign key (toid) references touroperator,
3 foreign key (mid) references repersentative_S (rid) on delete set null);
foreign key (mid) references repersentative_S (rid) on delete set null)
*
```

```
ERROR at line 3:
ORA-00942: table or view does not exist
```

```
SQL> create table repersentative_S(rid char(6), rname char(15), phone char(10),
toid char(6) not null, mid char(9),
2 primary key (rid), foreign key (toid) references touroperator,
3 foreign key (mid) references repersentative_S (rid) on delete set null);
```

Table created.

```
SQL> drop table repersentative_S
```

```
2 );
)
```

```
ERROR at line 2:
ORA-00933: SQL command not properly ended
```

```
SQL> drop table repersentative_S);
drop table repersentative_S)
      *
ERROR at line 1:
ORA-00933: SQL command not properly ended
```

```
SQL> drop table repersentative_S;
```

Table dropped.

```
SQL> create table representative_S(rid char(6), rname char(15), phone char(10),
  toid char(6) not null, mid char(9),
  2 primary key (rid), foreign key (toid) references touroperator,
  3 foreign key (mid) references representative_S (rid) on delete set null);
```

Table created.

```
SQL> create table building_i (bnum char(6), category char(15), b_view char(15),
  2 primary key (bnum));
```

Table created.

```
SQL> desc representative_S
```

Name	Null?	Type
RID	NOT NULL	CHAR(6)
RNAME		CHAR(15)
PHONE		CHAR(10)
TOID	NOT NULL	CHAR(6)
MID		CHAR(9)

```
SQL> desc building_i
```

Name	Null?	Type
BNUM	NOT NULL	CHAR(6)
CATEGORY		CHAR(15)
B_VIEW		CHAR(15)

```
SQL> create table room(bnum char(6), Rnum char(6), nbed INTEGER check (nbed>0 &&
nbed<=3),
  2 category char(10) check(category in ('standard','luxary','executive')),
  3 primary key (bnum, Rnum), foreign key (bnum) references building_i on delete
cascade);
```

Enter value for nbed: 1

```
old 1: create table room(bnum char(6), Rnum char(6), nbed INTEGER check (nbed>0
&& nbed<=3),
```

```
new 1: create table room(bnum char(6), Rnum char(6), nbed INTEGER check (nbed>0
1<=3),
```

```
create table room(bnum char(6), Rnum char(6), nbed INTEGER check (nbed>0 1<=3),
      *
```

```
ERROR at line 1:
ORA-00907: missing right parenthesis
```

```
SQL> desc room
```

ERROR:

```
ORA-04043: object room does not exist
```

```
SQL> create table room(bnum char(6), Rnum char(6), nbed INTEGER check nbed>0 &&
nbed<=3,
    2 category char(10) check(category in ('standard','luxary','executive')),
    3 primary key (bnum, Rnum), foreign key (bnum) references building_i on delete
cascade);
old 1: create table room(bnum char(6), Rnum char(6), nbed INTEGER check nbed>0 &&
nbed<=3,
new 1: create table room(bnum char(6), Rnum char(6), nbed INTEGER check nbed>0
1<=3,
create table room(bnum char(6), Rnum char(6), nbed INTEGER check nbed>0 1<=3,
*
```

ERROR at line 1:
ORA-00906: missing left parenthesis

```
SQL> create table room(bnum char(6), Rnum char(6), nbed INTEGER check nbed>0 AND
nbed<=3,
    2 category char(10) check(category in ('standard','luxary','executive')),
    3 primary key (bnum, Rnum), foreign key (bnum) references building_i on delete
cascade);
create table room(bnum char(6), Rnum char(6), nbed INTEGER check nbed>0 AND
nbed<=3,
*
```

ERROR at line 1:
ORA-00906: missing left parenthesis

```
SQL> create table room(bnum char(6), Rnum char(6), nbed INTEGER check (nbed>0 AND
nbed<=3),
    2 category char(10) check(category in ('standard','luxary','executive')),
    3 primary key (bnum, Rnum), foreign key (bnum) references building_i on delete
cascade);
```

Table created.

```
SQL> desc room
Name                               Null?    Type
-----
BNUM                               NOT NULL CHAR(6)
RNUM                               NOT NULL CHAR(6)
NBED                               NUMBER(38)
CATEGORY                           CHAR(10)
```

```
SQL> create table is_accommodated (Rnum char(6), GID char(6),
    2 primary key (Rnum, GID), foreign key (Rnum) references room, foreign key (GID)
references guest);
primary key (Rnum, GID), foreign key (Rnum) references room, foreign key (GID)
references guest)
```

ERROR at line 2:
ORA-02256: number of referencing columns must match referenced columns

```
SQL> create table guest_I(GID char(6), Gname char(15), Address char(15),
    2 primary key(GID));
```

Table created.

```
SQL> create table is_accommodated (Rnum char(6), GID char(6), bnum char(6),
  2 primary key(Rnum,GID,bnum), foreign key (Rnum) references room, foreign key
(GID) references guest,
  3 foreign key(bnum) references building_i);
primary key(Rnum,GID,bnum), foreign key (Rnum) references room, foreign key (GID)
references guest,
```

*

ERROR at line 2:

ORA-02256: number of referencing columns must match referenced columns

```
SQL> desc room
```

Name	Null?	Type
-----	-----	-----
BNUM	NOT NULL	CHAR(6)
RNUM	NOT NULL	CHAR(6)
NBED		NUMBER(38)
CATEGORY		CHAR(10)

```
SQL> drop room
```

2

```
SQL> drop table room;
```

Table dropped.

```
SQL> create table room (Rnum char(6), bnum char(6), nbed INTEGER check (nbed>0 AND
nbed<=3),
  2 category char(10) check(category in ('standard','luxary','executive')),
  3 primary key(Rnum, bnum), foreign key (bnum) references building_i on delete
cascade);
```

Table created.

```
SQL> create table is_accommodated (Rnum char(6), GID char(6),
  2 primary key(Rnum,GID,bnum), foreign key (Rnum) references room, foreign key
(GID) references guest);
primary key(Rnum,GID,bnum), foreign key (Rnum) references room, foreign key (GID)
references guest)
```

*

ERROR at line 2:

ORA-00904: "BNUM": invalid identifier

```
SQL> create table is_accommodated (Rnum char(6), GID char(6),
  2 primary key(Rnum,GID), foreign key (Rnum) references room, foreign key (GID)
references guest);
primary key(Rnum,GID), foreign key (Rnum) references room, foreign key (GID)
references guest)
```

*

ERROR at line 2:

ORA-02256: number of referencing columns must match referenced columns

```
SQL> create table is_accommodated (Rnum char(6), GID char(6),
  2 primary key(Rnum,GID), foreign key (Rnum) references room (Rnum), foreign key
(GID) references guest);
primary key(Rnum,GID), foreign key (Rnum) references room (Rnum), foreign key (GID)
references guest)
```

*

ERROR at line 2:
ORA-02270: no matching unique or primary key for this column-list

```
SQL> create table is_accommodated (Rnum char(6), GID char(6),
  2 primary key(Rnum,GID), foreign key (Rnum) references room (Rnum, bnum),
foreign key (GID) references guest);
primary key(Rnum,GID), foreign key (Rnum) references room (Rnum, bnum), foreign key
(GID) references guest)
```

*

ERROR at line 2:
ORA-02256: number of referencing columns must match referenced columns

```
SQL> create table is_accommodated (Rnum char(6), GID char(6), bnum char(6),
  2 primary key(Rnum,bnum,GID), foreign key (Rnum,bnum) references room (Rnum,
bnum), foreign key (GID) references guest);
primary key(Rnum,bnum,GID), foreign key (Rnum,bnum) references room (Rnum, bnum),
foreign key (GID) references guest)
```

*

ERROR at line 2:
ORA-00942: table or view does not exist

```
SQL> desc guest_I
```

Name	Null?	Type
GID	NOT NULL	CHAR(6)
GNAME		CHAR(15)
ADDRESS		CHAR(15)

```
SQL> create table is_accommodated (Rnum char(6), GID char(6), bnum char(6),
  2 primary key(Rnum,bnum,GID), foreign key (Rnum,bnum) references room (Rnum,
bnum), foreign key (GID) references guest_I);
```

Table created.

```
SQL> desc is_accommodated
```

Name	Null?	Type
RNUM	NOT NULL	CHAR(6)
GID	NOT NULL	CHAR(6)
BNUM	NOT NULL	CHAR(6)

```
SQL> create table principal(GID char(6), creditcard char(16), rid char(6) not
null,
  2 primary key(GID), foreign key (GID) references guest_I on delete cascade,
  3 foreign key (rid) references representative_S)
  4 ;
```

Table created.

```
SQL> desc principal
```

Name	Null?	Type
GID	NOT NULL	CHAR(6)
CREDITCARD		CHAR(16)
RID	NOT NULL	CHAR(6)

```
SQL> create table regular(GID char(6), status char(16), rid char(6) not null,
  2 primary key(GID), foreign key (GID) references guest_I on delete cascade
  3 foreign key (rid) references representative_S on delete cascade);
foreign key (rid) references representative_S on delete cascade)
*
```

ERROR at line 3:
ORA-00907: missing right parenthesis

```
SQL> create table regular(GID char(6), status char(16), rid char(6) not null,
  2 primary key(GID), foreign key (GID) references guest_I on delete cascade,
  3 foreign key (rid) references representative_S on delete cascade);
```

Table created.

```
SQL> desc regular
```

Name	Null?	Type
GID	NOT NULL	CHAR(6)
STATUS		CHAR(16)
RID	NOT NULL	CHAR(6)

```
SQL> create table service_I(SID char(6), title char(15), fee number check (fee>= 0
&& fee<=200),
  2 primary key(SID));
```

Enter value for fee: 1

```
old 1: create table service_I(SID char(6), title char(15), fee number check
(fee>= 0 && fee<=200),
new 1: create table service_I(SID char(6), title char(15), fee number check
(fee>= 0 1<=200),
create table service_I(SID char(6), title char(15), fee number check (fee>= 0
1<=200),
*
```

ERROR at line 1:
ORA-00907: missing right parenthesis

```
SQL> desc service_I
```

ERROR:
ORA-04043: object service_I does not exist

```
SQL> create table service_I(SID char(6), title char(15), fee number check (fee>= 0
AND fee<=200),
  2 primary key(SID));
```

Table created.

```
SQL> desc service_I
```

Name	Null?	Type
SID	NOT NULL	CHAR(6)
TITLE		CHAR(15)
FEE		NUMBER

```
SQL> create table is_booked(SID char(6), GID char(6), Rnum char(6), sdate date,
  2 primary key (SID, GID, Rnum), foreign key (SID) references service_I,
  3 foreign key (GID) references guest,
```

```

4 foreign key (Rnum) references room);
foreign key (GID) references guest,
*
```

ERROR at line 3:
ORA-00942: table or view does not exist

```

SQL> create table is_booked(SID char(6), GID char(6), Rnum char(6), sdate date,
2 primary key (SID, GID, Rnum), foreign key (SID) references service_I,
3 foreign key (GID) references guest_I,
4 foreign key (Rnum) references room);
foreign key (Rnum) references room)
*
```

ERROR at line 4:
ORA-02256: number of referencing columns must match referenced columns

```

SQL> create table is_booked(SID char(6), GID char(6), Rnum char(6), bnum char(6),
sdate date,
2 primary key (SID, GID, Rnum, bnum), foreign key (SID) references service_I,
3 foreign key (GID) references guest_I,
4 foreign key (Rnum, bnum) references room);
```

Table created.

```

SQL> create table resturant(Restid char(6), Rname char(15), Rtype char(5), theme
char(15),
2 primary key (Restid));
```

Table created.

```

SQL> create table visit(VID char(6), Vdate date, Mtype char(15), GID char not
null(6), Restid char(6) not null,
2 primary key (VID), foreign key (GID) references guest_I, foreign key (Restid)
references resturant);
create table visit(VID char(6), Vdate date, Mtype char(15), GID char not null(6),
Restid char(6) not null,
*
```

ERROR at line 1:
ORA-00907: missing right parenthesis

```

SQL> create table visit(VID char(6), Vdate date, Mtype char(15), GID char(6) not
null, Restid char(6) not null,
2 primary key (VID), foreign key (GID) references guest_I, foreign key (Restid)
references resturant);
```

Table created.

SQL> desc airline_S

Name	Null?	Type
-----	-----	-----
ANAME	NOT NULL	CHAR(10)
WEBSITE		CHAR(100)
PHONE		CHAR(10)
TOID	NOT NULL	CHAR(6)

SQL> desc touroperator

Name	Null?	Type
------	-------	------

TOID	NOT NULL	CHAR(6)
CNAME		CHAR(15)
PHONE		CHAR(10)
ANAME	NOT NULL	CHAR(10)

SQL> desc repersentative_S

ERROR:

ORA-04043: object repersentative_S does not exist

SQL> desc representative_S

Name	Null?	Type
RID	NOT NULL	CHAR(6)
RNAME		CHAR(15)
PHONE		CHAR(10)
TOID	NOT NULL	CHAR(6)
MID		CHAR(9)

SQL> desc building_i

Name	Null?	Type
BNUM	NOT NULL	CHAR(6)
CATEGORY		CHAR(15)
B_VIEW		CHAR(15)

SQL> desc room

Name	Null?	Type
RNUM	NOT NULL	CHAR(6)
BNUM	NOT NULL	CHAR(6)
NBED		NUMBER(38)
CATEGORY		CHAR(10)

SQL> desc is_accommodated

Name	Null?	Type
RNUM	NOT NULL	CHAR(6)
GID	NOT NULL	CHAR(6)
BNUM	NOT NULL	CHAR(6)

SQL> desc guest_I

Name	Null?	Type
GID	NOT NULL	CHAR(6)
GNAME		CHAR(15)
ADDRESS		CHAR(15)

SQL> desc principal

Name	Null?	Type
GID	NOT NULL	CHAR(6)
CREDITCARD		CHAR(16)
RID	NOT NULL	CHAR(6)

SQL> desc regular

Name	Null?	Type
------	-------	------

GID	NOT NULL	CHAR(6)
STATUS		CHAR(16)
RID	NOT NULL	CHAR(6)

SQL> desc service_I

Name	Null?	Type
-----	-----	-----
SID	NOT NULL	CHAR(6)
TITLE		CHAR(15)
FEE		NUMBER

SQL> desc is_booked

Name	Null?	Type
-----	-----	-----
SID	NOT NULL	CHAR(6)
GID	NOT NULL	CHAR(6)
RNUM	NOT NULL	CHAR(6)
BNUM	NOT NULL	CHAR(6)
SDATE		DATE

SQL> desc visit

Name	Null?	Type
-----	-----	-----
VID	NOT NULL	CHAR(6)
VDATE		DATE
MTYPE		CHAR(15)
GID	NOT NULL	CHAR(6)
RESTID	NOT NULL	CHAR(6)

SQL> desc resturant

Name	Null?	Type
-----	-----	-----
RESTID	NOT NULL	CHAR(6)
RNAME		CHAR(15)
RTYPE		CHAR(5)
THEME		CHAR(15)

SQL> save a2.sql

Created file a2.sql

SQL> spool off