

```
SQL> create table touroperator(toid char(6), cname char(15), phone char(10),
  2 primary key(toid));
```

Table created.

```
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> 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> 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 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,bnum,GID), foreign key (Rnum,bnum) references room (Rnum,
bnum), foreign key (GID) references guest_I);
```

Table created.

```
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);
```

Table created.

```
SQL> create table regular(GID char(6), status char(16),
  2 primary key(GID), foreign key (GID) references guest_I on delete cascade);
```

Table created.

```
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> 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(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> @ a2.sql
```

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table dropped.

Table created.

Table created.

Table created.

Table created.

Table created.

Table created.

Table created.

Table created.

Table created.

Table created.

Table created.

Table created.

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 is_accommodated;

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

SQL> visit;

SP2-0042: unknown command "visit" - rest of line ignored.

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 principal;

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

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 regular;

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

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 touroperator;

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

SQL> desc guest_I;

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

Name	Null?	Type

SID	NOT NULL	CHAR(6)
TITLE		CHAR(15)
FEE		NUMBER

SQL> desc building_i;

Name	Null?	Type

BNUM	NOT NULL	CHAR(6)
CATEGORY		CHAR(15)
B_VIEW		CHAR(15)

SQL> desc resturant;

Name	Null?	Type

RESTID	NOT NULL	CHAR(6)
RNAME		CHAR(15)
RTYPE		CHAR(5)
THEME		CHAR(15)

SQL> spool off