

```
SQL> create table flights(flno number(5) primary key, from_place varchar2(20), to_place varchar2(20), distance number(5), departs timestamp, arrives timestamp, price number(5));
```

Table created.

```
SQL> create table aircraft(aid number(5) primary key, aname varchar2(20), cruising_range number(5));
```

Table created.

```
SQL> create table employee(eid number(5) primary key, ename varchar2(20), salary number(5));
```

Table created.

```
SQL> create table certified(eid number(5) references employee(eid), aid number(5) references aircraft(aid));
```

Table created.

```
SQL> INSERT INTO FLIGHTS VALUES (1,'London Heathrow','Miami Airport',1500,'16-JAN-2019 02:00:00','17-JAN-2019 12:00:00',12000);
```

1 row created.

```
SQL> INSERT INTO FLIGHTS VALUES (2,'Miami','New York',2500,'16-JAN-2019 02:00:00','17-JAN-2019 05:00:00 PM',96000);
```

1 row created.

```
SQL> INSERT INTO FLIGHTS VALUES (3,'Los Angeles','Chicago',3500,'16-JAN-2019 02:00:00','17-JAN-2019 05:00:00 PM',76000);
```

1 row created.

```
SQL> INSERT INTO FLIGHTS VALUES (4,'Los Angeles','Honolulu',3500,'16-JAN-2019 02:00:00','17-JAN-2019 05:00:00 PM',97000);
```

1 row created.

```
SQL> insert into aircraft values(1,'Jet Airways',900);
```

1 row created.

```
SQL> insert into aircraft values(2,'Indigo',1100);
```

1 row created.

```
SQL> insert into aircraft values(3,'Air Asia',1200);
```

1 row created.

```
SQL> insert into employee values(1,'Jack',97000);
```

1 row created.

```
SQL> insert into employee values(2,'Jill',87000);
```

1 row created.

```
SQL> insert into employee values(3,'Ram',67000);
```

1 row created.

```
SQL> insert into certified values(1,3);
```

1 row created.

```
SQL> insert into certified values(2,2);
```

1 row created.

```
SQL> insert into certified values(2,3);
```

1 row created.

```
SQL> insert into certified values(1,2);
```

1 row created.

```
SQL> insert into certified values(1,1);
```

1 row created.

```
SQL> select aname from aircraft,employee where salary> all 80000;
```

ANAME

Jet Airways

Indigo

Air Asia

Jet Airways

Indigo

Air Asia

6 rows selected.

```
SQL> select ename from employee where salary<(select min(price) from flights where from_place='Los Angeles' and to_place='Honolulu');
```

ENAME

Jill

Ram

```
mysql> select eid,max(cruising_range) from certified left outer join  
aircraft on certified.aid=aircraft.aid group by eid having  
count(eid)>=3;
```

eid	max(cruising_range)
1	1200

1 row in set (0.00 sec)