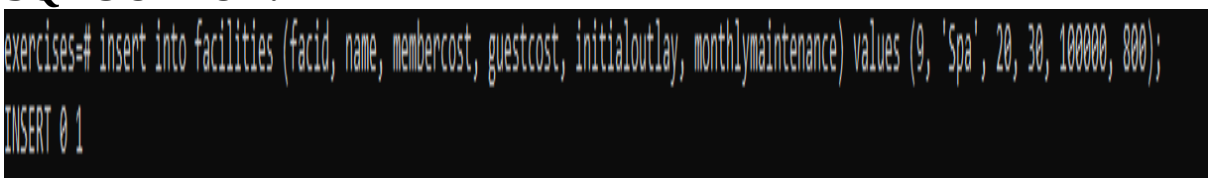
Modifying data

1.Insert some data into a table

Query: insert into facilities (facid, name, membercost, guestcost, initialoutlay, monthlymaintenance) values (9, 'Spa', 20, 30, 100000, 800);

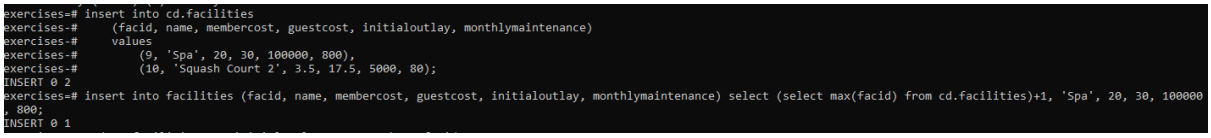
SQLOUTPUT:



2.Insert multiple rows of data into a table

Query: insert into facilities (facid, name, membercost, guestcost, initialoutlay, monthlymaintenance) values (9, 'Spa', 20, 30, 100000, 800), (10, 'Squash Court 2', 3.5, 17.5, 5000, 80);

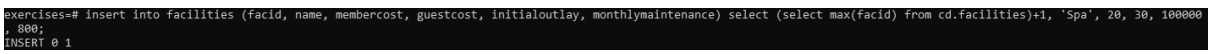
SQLOUTPUT:



3.Insert calculated data into a table

Query: insert into facilities (facid, name, membercost, guestcost, initialoutlay, monthlymaintenance) select (select max(facid) from cd.facilities)+1, 'Spa', 20, 30, 100000, 800;

SQLOUTPUT:



4.Update some existing data

Query: update facilities set initialoutlay = 10000 where facid = 1;
SQLOUTPUT:

```
exercises=# update facilities set initialoutlay = 10000 where facid = 1;
UPDATE 1
```

5.Update multiple rows and columns at the same time

Query: update facilities set membercost = 6, guestcost = 30 where facid in (0,1);

SQLOUTPUT:

```
exercises=# update facilities set membercost = 6, guestcost = 30 where facid in (0,1);
UPDATE 2
```

6.Update a row based on the contents of another row

Query: update facilities facs set membercost = (select membercost * 1.1 from facilities where facid = 0), guestcost = (select guestcost * 1.1 from facilities where facid = 0) where facs.facid = 1;

SQLOUTPUT:

```
exercises=# update facilities facs set membercost = (select membercost * 1.1 from facilities where facid = 0), guestcost = (select guestcost * 1.1 from facilities where facid =
0) where facs.facid = 1;
UPDATE 1
```

7.Delete all bookings

Query: delete from bookings;

SQLOUTPUT:

```
exercises=# delete from bookings;
DELETE 4044
```

8.Delete a member from the cd.members table

Query: delete from members where memid = 37;

SQLOUTPUT:

```
exercises=# delete from members where memid = 37;
DELETE 1
```

9.Delete based on a subquery

Query: delete from members where memid not in (select memid from bookings);

SQLOUTPUT:

```
exercises=# delete from members where memid not in (select memid from bookings);
DELETE 30
exercises=#
```