Assignment – 14
Entering, Deleting, and Changing Field Values.

1) Write a command that puts the following values, in their given order, into the salespeople table: city – San Jose, name – Blanco, comm – NULL, cnum – 1100.

¶   Query:

insert into salespeople (city,Sname,Comm,Snum)

  -> values ('San Jose','Blanco',NULL,1100);

Query OK, 1 row affected (0.04 sec)

```
D3_93025_Omkar>insert into salespeople (city,Sname,Comm,Snum)
    -> values ('San Jose','Blanco',NULL,1100);
Query OK, 1 row affected (0.04 sec)

D3_93025_Omkar>select * from salespeople;
+-------+---------+-----------+------+
| Snum  | Sname   | City      | Comm |
+-------+---------+-----------+------+
| 1001  | Peel    | London    | 0.12 |
| 1002  | Serres  | San Jose  | 0.13 |
| 1004  | Motika  | London    | 0.11 |
| 1007  | Rifkin  | Barcelona | 0.15 |
| 1003  | Axelrod | New York  | 0.10 |
| 1100  | Blanco  | San Jose  | NULL |
+-------+---------+-----------+------+
6 rows in set (0.00 sec)
```

2) Write a command that removes all orders from customer Clemens from the Orders table.
   Query:
delete from orders
   -> where cnum = (select cnum from customers
      -> where cname = 'Clemens');

```
D3_93025_Omkar>delete from orders
    -> where cnum = (select cnum from customers
    -> where cname = 'Clemens');
Query OK, 2 rows affected (0.01 sec)

D3_93025_Omkar>select * from orders;
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3002  | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3005  | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006  | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009  | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007  |   75.75 | 1990-10-04 | 2004 | 1002 |
| 3010  | 1309.95 | 1990-10-06 | 2004 | 1002 |
+-------+---------+------------+------+------+
```

3) Write a command that increases the rating of all customers in Rome by 100.

Query:
update customers
   -> set Rating = Rating + 100
   -> where city = 'Rome';

```
D3_93025_Omkar>update customers
    -> set Rating = Rating + 100
    -> where city = 'Rome';
Query OK, 2 rows affected (0.02 sec)
Rows matched: 2  Changed: 2  Warnings: 0

D3_93025_Omkar>select * from customers;
+-------+----------+----------+--------+------+
| Cnum  | Cname    | City     | Rating | Snum |
+-------+----------+----------+--------+------+
| 2001  | Hoffman  | London   |    100 | 1001 |
| 2002  | Giovanni | Rome     |    300 | 1003 |
| 2003  | Liu      | San Jose |    200 | 1002 |
| 2004  | Grass    | Berlin   |    300 | 1002 |
| 2006  | Clemens  | London   |    100 | 1001 |
| 2008  | Cisneros | San Jose |    300 | 1007 |
| 2007  | Pereira  | Rome     |    200 | 1004 |
+-------+----------+----------+--------+------+
```

4) Salesperson Serres has left the company. Assign her customers to Motika.

Query:
update customers
-> set Snum = (select Snum from salespeople where Sname = 'Motika')
   -> where Snum = (select Snum from salespeople where Sname = 'Serres');

```
D3_93025_Omkar>update customers
    -> set Snum = (select Snum from salespeople where Sname = 'Motika')
    -> where Snum = (select Snum from salespeople where Sname = 'Serres');
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

D3_93025_Omkar>select * from customers;
+-------+----------+----------+--------+------+
| Cnum  | Cname    | City     | Rating | Snum |
+-------+----------+----------+--------+------+
| 2001  | Hoffman  | London   |    100 | 1001 |
| 2002  | Giovanni | Rome     |    300 | 1003 |
| 2003  | Liu      | San Jose |    200 | 1004 |
| 2004  | Grass    | Berlin   |    300 | 1004 |
| 2006  | Clemens  | London   |    100 | 1001 |
| 2008  | Cisneros | San Jose |    300 | 1007 |
| 2007  | Pereira  | Rome     |    200 | 1004 |
+-------+----------+----------+--------+------+
7 rows in set (0.00 sec)
```