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.**

Ans: INSERT INTO Salespeople (City, Sname, Comm, Snum)

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

```
+------+---------+-----------+------+
| 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.**

Ans : DELETE FROM Orders

-> WHERE Cnum = (

->   SELECT Cnum

->   FROM Customers

->   WHERE Cname = 'Clemens'

->);

```
mysql> DELETE FROM orders
    ->          WHERE Cnum = (
    ->          SELECT Cnum
    ->          FROM customers
    ->          WHERE Cname = 'Clemens'
    -> );
Query OK, 2 rows affected (0.06 sec)

mysql> 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  |
+-------+---------+------------+-------+-------+
8 rows in set (0.01 sec)
```

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

Ans:

UPDATE Customers

   -> SET Rating = Rating + 100

      -> WHERE City = 'Rome';

```
mysql> update Customers
    -> SET Rating = Rating + 100
    -> WHERE City = 'Rome';
Query OK, 2 rows affected (0.03 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> 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  |
+-------+----------+----------+--------+-------+
7 rows in set (0.00 sec)
```
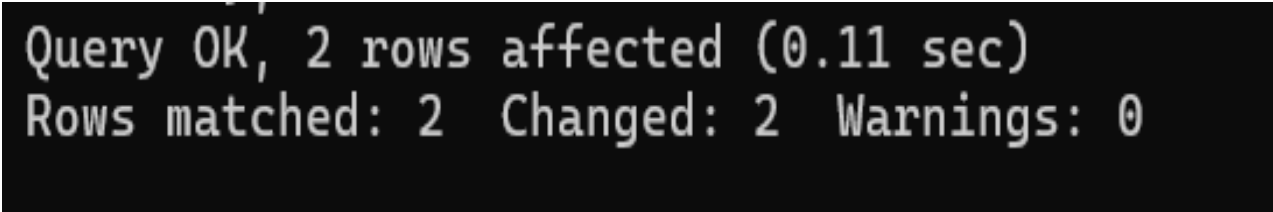
4) Salesperson Serres has left the company. Assign her customers to Motika.

Ans:

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 (0.11 sec)
Rows matched: 2  Changed: 2  Warnings: 0
```