

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.

```
W2_87323_Dhanashri>INSERT INTO salespeople (Snum, Sname, City, Comm)
-> VALUES (1100, 'Blanco', 'San Jose', NULL);
Query OK, 1 row affected (0.01 sec)

W2_87323_Dhanashri>SELECT * FROM salespeople WHERE Snum = 1100;
+-----+-----+-----+-----+
| Snum | Sname | City   | Comm |
+-----+-----+-----+-----+
| 1100 | Blanco | San Jose | NULL |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

2) Write a command that removes all orders from customer Clemens from the Orders table.

```
W2_87323_Dhanashri>DELETE FROM orders
-> WHERE Cnum = (SELECT Cnum FROM customers WHERE Cname = 'Clemens');
Query OK, 2 rows affected (0.00 sec)

W2_87323_Dhanashri>SELECT * FROM orders
-> WHERE Cnum = (SELECT Cnum FROM customers WHERE Cname = 'Clemens');
Empty set (0.00 sec)

W2_87323_Dhanashri>SELECT * FROM customers WHERE Cname = 'Clemens';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City   | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | London | 100    | 1001 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

W2_87323_Dhanashri>
```

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

```
W2_87323_Dhanashri>UPDATE customers
  -> SET Rating = Rating + 100
  -> WHERE City = 'Rome';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

W2_87323_Dhanashri>SELECT * FROM customers WHERE City = 'Rome';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome |    300 | 1003 |
| 2007 | Pereira  | Rome |    200 | 1004 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

W2_87323_Dhanashri>|
```

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

```
W2_87323_Dhanashri>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

W2_87323_Dhanashri>SELECT Cname, Snum FROM customers WHERE Snum = (SELECT Snum FROM salespeople WHERE Sname = 'Motika');
+-----+-----+
| Cname | Snum |
+-----+-----+
| Liu   | 1004 |
| Grass | 1004 |
| Pereira | 1004 |
+-----+-----+
3 rows in set (0.00 sec)
```