

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.

```
mysql> INSERT INTO salespeople (city, sname, comm,snum)
-> VALUES ('San Jose', 'Blanco', NULL, 1100);
Query OK, 1 row affected (0.01 sec)

mysql> 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.

```
mysql> DELETE FROM orders
-> WHERE cnum= (SELECT cnum
-> FROM customers
-> WHERE cname='Clemens');
Query OK, 2 rows affected (0.01 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 (0.00 sec)
```

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

```
mysql> SELECT * FROM Customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname | City | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 100 | 1001 |
| 2002 | Giovanni | Rome | 200 | 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 | 100 | 1004 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> UPDATE customers
-> SET rating = rating+100
-> WHERE city = 'Rome';
Query OK, 2 rows affected (0.00 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.

```
mysql> UPDATE customers c
-> JOIN salespeople s_serres ON c.snum = s_serres.snum
-> JOIN salespeople s_motika ON s_motika.sname = 'Motika'
-> SET c.snum = s_motika.snum
-> WHERE s_serres.sname = 'Serres';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2 Changed: 2 Warnings: 0
```