

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> select * from salespeople;
```

Snum	Sname	City	Comm
1001	Peel	London	0.12
1002	Serres	San Jose	0.13
1003	Axelrod	New York	0.10
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15

5 rows in set (0.00 sec)

```
mysql> INSERT INTO salespeople (snum, sname, city, comm)
-> VALUES (1100, 'Blanco', 'San Jose', NULL);
Query OK, 1 row affected (0.03 sec)
```

```
mysql> select * from salespeople;
```

Snum	Sname	City	Comm
1001	Peel	London	0.12
1002	Serres	San Jose	0.13
1003	Axelrod	New York	0.10
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15
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 (0.02 sec)

mysql> select * from orders;
+-----+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |
| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 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> DELETE o
      -> FROM orders o
      -> JOIN customers c ON o.cnum = c.cnum
      -> WHERE c.cname = 'Clemens';
Query OK, 0 rows affected (0.00 sec)
```

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

```
mysql> UPDATE customers
      -> SET rating = rating + 100
      -> WHERE city = 'Rome';
Query OK, 2 rows affected (0.05 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 |
| 2007 | Pereira  | Rome    | 200    | 1004 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

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