

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_89692_Aditya>Insert INTO salespeople (city,sname,comm,snum) VALUES ('San Jose','Blanco',NULL,1100);
Query OK, 1 row affected (0.03 sec)
```

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

```
W2_89692_Aditya>DELETE FROM orders WHERE cnum IN(Select cnum FROM customers WHERE cname='Clemens');
Query OK, 2 rows affected (0.02 sec)

W2_89692_Aditya>select * from orders;
+-----+-----+-----+-----+-----+
| Onum | Amt  | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 03-OCT-1990 | 2008 | 1007 |
| 3003 | 767.19 | 03-OCT-1990 | 2001 | 1001 |
| 3002 | 1900.10 | 03-OCT-1990 | 2007 | 1004 |
| 3005 | 5160.45 | 03-OCT-1990 | 2003 | 1002 |
| 3006 | 1098.16 | 03-OCT-1990 | 2008 | 1007 |
| 3009 | 1713.23 | 04-OCT-1990 | 2002 | 1003 |
| 3007 | 75.75 | 04-OCT-1990 | 2004 | 1002 |
| 3010 | 1309.95 | 06-OCT-1990 | 2004 | 1002 |
+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

W2_89692_Aditya>ROLLBACK TO savepoint a;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'a' at line 1
W2_89692_Aditya>ROLLBACK TO savepoint a;
ERROR 1305 (42000): SAVEPOINT a does not exist
W2_89692_Aditya>SELECT *
-> FROM orders;
+-----+-----+-----+-----+-----+
| Onum | Amt  | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 03-OCT-1990 | 2008 | 1007 |
| 3003 | 767.19 | 03-OCT-1990 | 2001 | 1001 |
| 3002 | 1900.10 | 03-OCT-1990 | 2007 | 1004 |
| 3005 | 5160.45 | 03-OCT-1990 | 2003 | 1002 |
| 3006 | 1098.16 | 03-OCT-1990 | 2008 | 1007 |
| 3009 | 1713.23 | 04-OCT-1990 | 2002 | 1003 |
| 3007 | 75.75 | 04-OCT-1990 | 2004 | 1002 |
| 3010 | 1309.95 | 06-OCT-1990 | 2004 | 1002 |
+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)
```

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

```
W2_89692_Aditya>select * from customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname  | City   | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 200    | 1001 |
| 2002 | Giovanni | Rome   | 300    | 1003 |
| 2003 | Liu     | San Jose | 300    | 1002 |
| 2004 | Grass   | Berlin | 400    | 1002 |
| 2006 | Clemens | London | 200    | 1001 |
| 2008 | Cisneros | San Jose | 400    | 1007 |
| 2007 | Pereira | Rome   | 200    | 1004 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

W2_89692_Aditya>savepoint a;
Query OK, 0 rows affected (0.00 sec)

W2_89692_Aditya>UPDATE customers SET rating=rating+100;
Query OK, 7 rows affected (0.01 sec)
Rows matched: 7 Changed: 7 Warnings: 0

W2_89692_Aditya>ROLLBACK TO savepoint a;
ERROR 1305 (42000): SAVEPOINT a does not exist
W2_89692_Aditya>select * from customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname  | City   | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 300    | 1001 |
| 2002 | Giovanni | Rome   | 400    | 1003 |
| 2003 | Liu     | San Jose | 400    | 1002 |
| 2004 | Grass   | Berlin | 500    | 1002 |
| 2006 | Clemens | London | 300    | 1001 |
| 2008 | Cisneros | San Jose | 500    | 1007 |
| 2007 | Pereira | Rome   | 300    | 1004 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

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

```
W2_89692_Aditya>UPDATE customers
-> SET snum=
-> (SELECT snum
-> FROM salespeople
-> WHERE sname='serres')
-> WHERE snum =
-> (SELECT snum
-> FROM salespeople
-> WHERE sname='Motika');
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0 Changed: 0 Warnings: 0
```