

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.

Query : insert into salespeople (city, sname, comm, snum) values ('San Jose', 'Blanco', NULL, 1100);

```
D3_92969_Dhananjay>insert into salespeople (city, sname, comm, snum) values ('San Jose', 'Blanco', NULL, 1100);
Query OK, 1 row affected (0.06 sec)

D3_92969_Dhananjay>select * from salespeople ;
+-----+-----+-----+-----+
| Snum | Sname | city | Comm |
+-----+-----+-----+-----+
| 1004 | Motika | London | 0.11 |
| 1007 | Rifkin | Barcelona | 0.15 |
| 1003 | Axelrod | New York | 0.10 |
| 1001 | Peel | London | 0.12 |
| 1002 | Serres | San Jose | 0.13 |
| 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.

Query : delete from orders where cnum = (select cnum from customers where cname = 'Clemens');

```
D3_92969_Dhananjay>delete from orders where cnum = (select cnum from customers where cname = 'Clemens');
Query OK, 2 rows affected (0.01 sec)

D3_92969_Dhananjay>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.

Query : update customers set rating = rating+100 where city = 'Rome' ;

```
D3_92969_Dhananjay>update customers set rating = rating+100 where city = 'Rome' ;
Query OK, 2 rows affected (0.02 sec)
Rows matched: 2  Changed: 2  Warnings: 0

D3_92969_Dhananjay>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.

Query : update customers set snum = (select snum from salespeople where sname = 'Motika') where snum = (select snum from salespeople where sname = 'serres');

```
D3_92969_Dhananjay>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

D3_92969_Dhananjay>select * from customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname  | City   | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 100    | 1001 |
| 2002 | Giovanni | Rome   | 300    | 1003 |
| 2003 | Liu     | San Jose | 200    | 1004 |
| 2004 | Grass   | Berlin | 300    | 1004 |
| 2006 | Clemens | London | 100    | 1001 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
| 2007 | Pereira | Rome   | 200    | 1004 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```