

SQL 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.

Ans:

```
W1_83926_Vaibhavi>create table S2 as select * from Salespeople;
Query OK, 6 rows affected, 1 warning (3.95 sec)
Records: 6  Duplicates: 0  Warnings: 1

W1_83926_Vaibhavi>select * from S2;
+-----+-----+-----+-----+
| Snum | Sname  | City      | Comm |
+-----+-----+-----+-----+
| 1001 | Peel   | London    | 0.12 |
| 1002 | Serres | San Jose  | 0.13 |
| 1004 | Motika | London    | 0.11 |
| 1007 | Rifikin | Barcelona | 0.15 |
| 1003 | Axelrod | New York  | 0.10 |
| 1100 | Blanco | San Jose  | NULL |
+-----+-----+-----+-----+
6 rows in set (0.01 sec)
```

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

Ans:

```
W1_83926_Vaibhavi>delete from O
-> where Cnum = (select Cnum from Customers where Cname='Clemens');
Query OK, 2 rows affected (0.10 sec)

W1_83926_Vaibhavi>select * from O;
+-----+-----+-----+-----+-----+
| 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.

Ans:

```
W1_83926_Vaibhavi>update Customers set Rating = Rating+100 where City = 'Rome';
Query OK, 2 rows affected (0.07 sec)
Rows matched: 2  Changed: 2  Warnings: 0

W1_83926_Vaibhavi>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)
```

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

Ans:

```
W1_83926_Vaibhavi>update Customers set Snum = (select Snum from Salespeople where
Sname = 'Motika') where Snum = (select Snum from Salespeople where Sname = 'Se
rres');
Query OK, 2 rows affected (0.08 sec)
Rows matched: 2  Changed: 2  Warnings: 0

W1_83926_Vaibhavi>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)
```