

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:- insert into SALESPEOPLE (City, Sname, Comm, Snum) values
('San Jose','Blanco',NULL,1100);

```
amit@amit-Lenovo-ideapad-510-151KB: ~  
D5_Amit_84097>insert into SALESPEOPLE (City, Sname, Comm, Snum) values  
-> ('San Jose','Blanco',NULL,1100);  
Query OK, 1 row affected (0.10 sec)  
  
D5_Amit_84097>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  | 0.1   |  
| 1100 | Blanco   | San Jose  | NULL  |  
+-----+-----+-----+-----+  
6 rows in set (0.00 sec)  
  
D5_Amit_84097>
```

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

Ans:- delete from ORDERS
where Cnum = (select Cnum from CUSTOMERS
where Cname = 'Clemens');

```
amit@amit-Lenovo-ideapad-510-151KB: ~  
D5_Amit_84097>delete from ORDERS  
-> where Cnum = (select Cnum from CUSTOMERS  
-> where Cname = 'Clemens');  
Query OK, 2 rows affected (0.10 sec)  
  
D5_Amit_84097>select * from ORDERS;  
+-----+-----+-----+-----+-----+  
| Onum | Amt      | Odate      | Cnum | Snum |  
+-----+-----+-----+-----+-----+  
| 3003 | 767.19   | 1990-10-03 | 2001 | 1001 |  
| 3002 | 1900.10  | 1990-10-03 | 2007 | 1004 |  
| 3005 | 5160.45  | 1990-10-03 | 2003 | 1002 |  
| 3009 | 1713.23  | 1990-10-04 | 2002 | 1003 |  
| 3007 | 75.75    | 1990-10-04 | 2004 | 1002 |  
| 3010 | 1309.95  | 1990-10-06 | 2004 | 1002 |  
| 3001 | 18.69    | 1990-10-03 | 2008 | 1007 |  
| 3006 | 1098.16  | 1990-10-03 | 2008 | 1007 |  
+-----+-----+-----+-----+-----+  
8 rows in set (0.00 sec)  
  
D5_Amit_84097>
```

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

Ans:- update CUSTOMERS
set Rating = Rating + 100
where City = 'Rome';

```
D5_Amit_84097>update CUSTOMERS
-> set Rating = Rating + 100
-> where City = 'Rome';
Query OK, 2 rows affected (0.12 sec)
Rows matched: 2  Changed: 2  Warnings: 0

D5_Amit_84097>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)

D5_Amit_84097>
```

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

Ans:- update CUSTOMERS
set Snum = (select Snum from SALESPeOPLE
where Sname = 'Motika')
where Snum = (select Snum from SALESPeOPLE
where Sname = 'Serres');

```
D5_Amit_84097>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 (0.00 sec)
Rows matched: 2  Changed: 2  Warnings: 0

D5_Amit_84097>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)

D5_Amit_84097>
```