

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.

```
D1_86939_Prajwal>insert into salespeople(city , sname , comm ,snum) values ( 'San Jose' , 'Blanco' ,
Null , 1100);^C
D1_86939_Prajwal>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 | 0.10 |
| 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.

```
D1_86939_Prajwal>delete from orders where cnum = ( select cnum from customers where cname = 'Clemens'
);
Query OK, 2 rows affected (0.01 sec)
```

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

```
to city = Rome and cnum = 1
D1_86939_Prajwal>update customers set rating = (rating + 100) where city = 'Rome';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2 Changed: 2 Warnings: 0

D1_86939_Prajwal>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 | 1007 |
| 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.

```
D1_86939_Prajwal>update customers set snum = (select snum from salespeople where sname = 'Motika') where snum = (select snum from salespeople where sname = 'Serres'); ^C
D1_86939_Prajwal>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)
```