

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.

```
W1_Minal_93084>Insert into salespeople(snum,city,sname,comm,cnum)
-> values(1008,'San Jose','Blanco',Null,1100);
Query OK, 1 row affected (0.01 sec)
```

```
W1_Minal_93084>select * from salespeople;
```

Snum	Sname	City	Comm	cnum
1001	Peel	London	0.1728	NULL
1002	Serres	San Jose	0.1872	NULL
1003	Axelrod	New York	0.12	NULL
1004	Motika	London	0.132	NULL
1007	Rifkin	Barcelona	0.18	NULL
1008	Blanco	San Jose	NULL	1100

6 rows in set (0.00 sec)

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

```
W1_Minal_93084>DELETE FROM Orders
-> WHERE cnum IN (
->   SELECT cnum
->   FROM Customers
->   WHERE cname = 'Clemens'
-> );
Query OK, 2 rows affected (0.01 sec)
```

```
W1_Minal_93084>select * from orders;
```

Onum	Amt	Odate	Cnum	Snum	prev
1002	234.22	NULL	1004	NULL	NULL
3001	18.69	1990-10-03	2008	1007	NULL
3002	1900.1	1990-10-03	2007	1004	NULL
3003	767.19	1990-10-03	2001	1001	NULL
3005	5160.45	1990-10-03	2003	1002	NULL
3006	1098.16	1990-10-03	2008	1007	NULL
3007	75.75	1990-10-04	2004	1002	NULL
3009	1713.23	1990-10-04	2002	1003	NULL
3010	1309.95	1990-10-06	2004	1002	NULL

9 rows in set (0.00 sec)

```
W1_Minal_93084>select * from customers;
```

Cnum	Cname	City	Rating	Snum
2001	Hoffman	London	100	1001
2002	Giovanni	Rome	200	1003
2003	Liu	San Jose	200	1002
2004	Grass	Berlin	300	1002
2006	Clemens	London	100	1001
2007	Pereira	Rome	100	1004
2008	Cisneros	San Jose	300	1007

7 rows in set (0.00 sec)

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

```
W1_Minal_93084>UPDATE Customers
-> SET rating = rating + 100
-> WHERE city = 'Rome';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

W1_Minal_93084>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 |
| 2007 | Pereira | Rome   | 200    | 1004 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

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

```
W1_Minal_93084>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

W1_Minal_93084>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 |
| 2007 | Pereira | Rome   | 200    | 1004 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

W1_Minal_93084>select * from salespeople;
+-----+-----+-----+-----+-----+
| Snum | Sname   | City   | Comm   | cnum |
+-----+-----+-----+-----+-----+
| 1001 | Peel    | London | 0.1728 | NULL |
| 1002 | Serres  | San Jose | 0.1872 | NULL |
| 1003 | Axelrod | New York | 0.12   | NULL |
| 1004 | Motika  | London | 0.132  | NULL |
| 1007 | Rifkin  | Barcelona | 0.18  | NULL |
| 1008 | Blanco  | San Jose | NULL   | 1100 |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

