

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 : KD4-89208-Ashish>insert into salespeople(Snum,Sname,City,Comm)

-> values (1100,'Blanco','San Jose',Null);

Query OK, 1 row affected (0.06 sec)

KD4-89208-Ashish>select* from salespeople;

```
KD4-89208-Ashish>insert into salespeople(Snum,Sname,City,Comm)
-> values (1100,'Blanco','San Jose',Null);
Query OK, 1 row affected (0.06 sec)
```

```
KD4-89208-Ashish>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.

ANS : KD4-89208-Ashish>delete from orders

-> where cnum =(select cnum from customers

-> where cname = 'Clemens');

Query OK, 2 rows affected (0.03 sec)

KD4-89208-Ashish>select * from orders;

```
KD4-89208-Ashish>delete from orders
-> where cnum =(select cnum from customers
-> where cname = 'Clemens');
Query OK, 2 rows affected (0.03 sec)

KD4-89208-Ashish>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 | 1900.1 | 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: KD4-89208-Ashish>update customers

-> set rating = rating + 100

-> where city = 'Rome';

Query OK, 2 rows affected (0.02 sec)

Rows matched: 2 Changed: 2 Warnings: 0

KD4-89208-Ashish>select * from customers;

```
KD4-89208-Ashish>update customers
  -> set rating = rating + 100
  -> where city = 'Rome';
Query OK, 2 rows affected (0.02 sec)
Rows matched: 2  Changed: 2  Warnings: 0

KD4-89208-Ashish>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.

ANS : KD4-89208-Ashish>update customers

-> set snum =

-> (select snum from salespeople

-> where sname = 'serres')

-> where snum = (select snum from salespeople

-> where sname = 'Motika');

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

KD4-89208-Ashish>select* from salespeople;

```
KD4-89208-Ashish>update customers
-> set snum =
-> (select snum from salespeople
-> where sname = 'serres')
-> where snum = (select snum from salespeople
-> where sname = 'Motika');
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0

KD4-89208-Ashish>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)
```