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.

```
<d2-sandip-87224@>INSERT INTO salespeople (city,sname,comm,snum)
    -> VALUES('San Jose',
    ->          'Blanco',
    ->          NULL,
    ->          1100);
Query OK, 1 row affected (0.01 sec)

<d2-sandip-87224@>select * from salepeople;
ERROR 1146 (42S02): Table 'sales.salepeople' doesn't exist
<d2-sandip-87224@>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.

```
kd2-sandip-87224@>
kd2-sandip-87224@>delete from orders where cnum in (select cnum from customers where cname='Clemens')
    -> ;
Query OK, 2 rows affected (0.01 sec)

kd2-sandip-87224@>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 | 1900.10 | 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 |  309.95 | 1990-10-04 | 2004 | 1002 |
+------+---------+------------+------+------+
8 rows in set (0.00 sec)
```

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

```
kd2-sandip-87224@>update customers set rating=rating+100 where city='Rome';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

kd2-sandip-87224@>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

```
kd2-sandip-87224@>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

kd2-sandip-87224@>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)
```