Assignment 14

KD1-Indrajeet-86641

Q1. 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.

➔ **insert into salespeople(city, sname, comm, snum)**

   values('San Jose', 'Blanco', null, 1100);

```
KD1-Indrajeet-86641@>insert into salespeople(city, sname, comm, snum) values
('San Jose', 'Blanco', null, 1100);
Query OK, 1 row affected (0.01 sec)
```

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

➔ **delete from orders where cnum in (select cnum from customers**

   where cname='Clemens');

```
KD1-Indrajeet-86641@>savepoint a;
Query OK, 0 rows affected (0.00 sec)

KD1-Indrajeet-86641@>delete from orders where cnum in (select cnum from cust
omers where cname='Clemens');
Query OK, 2 rows affected (0.02 sec)

KD1-Indrajeet-86641@>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.

➔ **update customers set rating = rating + 100 where city = 'rome';**

```
KD1-Indrajeet-86641@>update customers set rating = rating + 100 where city =
 'rome';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

KD1-Indrajeet-86641@>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.

➔ **update customers set snum= (select snum from salespeople where sname='serres') where snum = (select snum from salespeople where sname='motika');**

Output is on next page

```
KD1-Indrajeet-86641@>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)

KD1-Indrajeet-86641@>create savepoint b;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MySQL server version for the right syntax to use nea
r 'savepoint b' at line 1
KD1-Indrajeet-86641@>savepoint b;
Query OK, 0 rows affected (0.00 sec)

KD1-Indrajeet-86641@>update customers set snum= (select snum from salespeopl
e where sname='serres') where snum = (select snum from salespeople where sna
me='motika');
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

KD1-Indrajeet-86641@>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 | 1002 |
+------+----------+----------+--------+------+
7 rows in set (0.00 sec)
```