

Assignment 14

- 1) 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.?

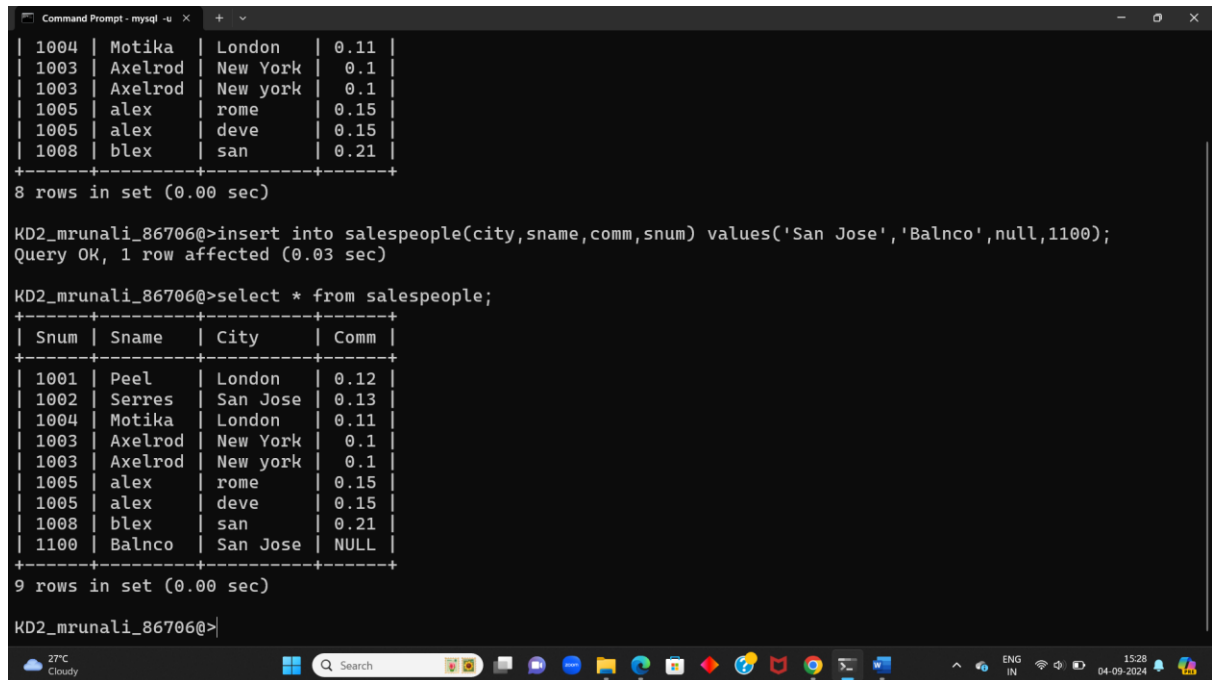
Ans→insert into salespeople(city,sname,comm,snum) values('San Jose','Balnco',null,1100);

```
Command Prompt - mysql -u + -
| 1004 | Motika | London | 0.11 |
| 1003 | Axelrod | New York | 0.1 |
| 1003 | Axelrod | New york | 0.1 |
| 1005 | alex | rome | 0.15 |
| 1005 | alex | deve | 0.15 |
| 1008 | blex | san | 0.21 |
+-----+-----+-----+-----+
8 rows in set (0.00 sec)

KD2_mrunali_86706@>insert into salespeople(city,sname,comm,snum) values('San Jose','Balnco',null,1100);
Query OK, 1 row affected (0.03 sec)

KD2_mrunali_86706@>select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1001 | Peel | London | 0.12 |
| 1002 | Serres | San Jose | 0.13 |
| 1004 | Motika | London | 0.11 |
| 1003 | Axelrod | New York | 0.1 |
| 1003 | Axelrod | New york | 0.1 |
| 1005 | alex | rome | 0.15 |
| 1005 | alex | deve | 0.15 |
| 1008 | blex | san | 0.21 |
| 1100 | Balnco | San Jose | NULL |
+-----+-----+-----+-----+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>
```



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

Ans→

delete from orders where cnum=(select cnum from customers where cname='clemens');

```
Command Prompt - mysql -u x + v
+-----+-----+-----+-----+-----+
| Onum | Amt | Odate | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3003 | 767.19 | 1990-10-03 | 2007 | 1001 |
| 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 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
| 1005 | NULL | 1990-05-23 | 2006 | 1008 |
| 3005 | 0.00 | 1990-10-24 | 2005 | 1007 |
+-----+-----+-----+-----+-----+
11 rows in set (0.00 sec)

KD2_mrunali_86706@>delete from orders where onum=(select onum from orders where cnum=(select cnum from customers where cname='clemens'));
ERROR 1093 (HY000): You can't specify target table 'orders' for update in FROM clause
KD2_mrunali_86706@>delete from orders where cnum=(select cnum from customers where cname='clemens');
Query OK, 2 rows affected (0.03 sec)

KD2_mrunali_86706@>select * from orders;
+-----+-----+-----+-----+-----+
| Onum | Amt | Odate | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3003 | 767.19 | 1990-10-03 | 2007 | 1001 |
| 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 |
| 3005 | 0.00 | 1990-10-24 | 2005 | 1007 |
+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>select * from orders;
```

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

Ans→

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

```
Command Prompt - mysql -u
KD2_mrunali_86706@>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 |
| 2008 | Cinsneros | San Jose | 300 | 1007 |
| 2006 | Clemens | London | 100 | 1001 |
| 2007 | Pereira | Rome | 100 | 1004 |
| 2005 | Alex | san | 50 | 1008 |
| 1005 | bob | rome | 50 | 1006 |
+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>update customers set rating=rating+100 where city='rome';
Query OK, 3 rows affected (0.03 sec)
Rows matched: 3 Changed: 3 Warnings: 0

KD2_mrunali_86706@>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 |
| 2008 | Cinsneros | San Jose | 300 | 1007 |
| 2006 | Clemens | London | 100 | 1001 |
| 2007 | Pereira | Rome | 200 | 1004 |
| 2005 | Alex | san | 50 | 1008 |
| 1005 | bob | rome | 150 | 1006 |
+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

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

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

```
Command Prompt - mysql -u + -
+-----+
| 2002 | Giovanni | Rome | 300 | 1003 |
| 2003 | Liu | San Jose | 200 | 1002 |
| 2004 | Grass | Berlin | 300 | 1002 |
| 2008 | Cinsneros | San Jose | 300 | 1007 |
| 2006 | Clemens | London | 100 | 1001 |
| 2007 | Pereira | Rome | 200 | 1004 |
| 2005 | Alex | san | 50 | 1008 |
| 1005 | bob | rome | 150 | 1006 |
+-----+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>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_mrunali_86706@>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 |
| 2008 | Cinsneros | San Jose | 300 | 1007 |
| 2006 | Clemens | London | 100 | 1001 |
| 2007 | Pereira | Rome | 200 | 1004 |
| 2005 | Alex | san | 50 | 1008 |
| 1005 | bob | rome | 150 | 1006 |
+-----+
9 rows in set (0.00 sec)
```