SQL Assignment 14

Entering, Deleting, and Changing field values.

Q.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.

```
D5_Shaurya_83785>INSERT INTO SALESPEOPLE(CITY, SNAME, COMM, SNUM)values ('San Jo
se', 'Blanco', 'NULL', 1100);
ERROR 1265 (01000): Data truncated for column 'COMM' at row 1
D5_Shaurya_83785>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  | 0.15 |
+------+---------+-----------+------+
6 rows in set (0.00 sec)
```

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

```
D5_Shaurya_83785>SELECT Onum, Amt, Odate, Cnum, Snum from ORDERS where Cnum !=(S
ELECT CNUM FROM CUSTOMERS WHERE CNAME = 'Clemens');
+------+---------+------------+------+------+
| 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 | 1309.95 | 1990-10-06 | 2004 | 1002 |
+------+---------+------------+------+------+
8 rows in set (0.00 sec)
```

Q.3 Write a command that increases the rating of all customers in Rome by 100.
Using computed column (only for display purposes):

```
D5_Shaurya_83785>SELECT CNAME, CITY, RATING+100 UPDATED_RATING FROM CUSTOMERS WH
ERE CITY = 'Rome';
+----------+------+----------------+
| CNAME    | CITY | UPDATED_RATING |
+----------+------+----------------+
| Giovanni | Rome |            300 |
| Pereira  | Rome |            200 |
+----------+------+----------------+
2 rows in set (0.00 sec)
```

Updating the ratings in the table CUSTOMERS where city is Rome:

```
D5_Shaurya_83785>UPDATE CUSTOMERS SET RATING = RATING+100 WHERE CITY = 'Rome';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

D5_Shaurya_83785>SELECT * FROM CUTSOMERS;
ERROR 1146 (42S02): Table 'dac.CUTSOMERS' doesn't exist
D5_Shaurya_83785>SELECT * FROM CUSTOMERS;
+------+----------+----------+--------+------+
| CNUM | CNAME    | CITY     | RATING | SNUM |
+------+----------+----------+--------+------+
| 2001 | Hoffman  | London   |    100 | 1001 |
| 2002 | Giovanni | Rome     |    300 | 1003 |
| 2003 | Liu      | San Jose |    200 | 1003 |
| 2004 | Grass    | Berlin   |    300 | 1002 |
| 2006 | Clemens  | London   |    100 | 1001 |
| 2008 | Clisneros| San Jose |    300 | 1007 |
| 2007 | Pereira  | Rome     |    200 | 1004 |
+------+----------+----------+--------+------+
7 rows in set (0.00 sec)
```

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

UPDATE CUSTOMERS SET SNUM = (SELECT SNUM FROM SALESPEOPLE WHERE SNAME = 'Motika') WHERE CNUM = (SELECT CNUM FROM ORDERS WHERE SNUM = (SELECT SNUM FROM SALESPEOPLE WHERE SNAME = 'Serres'));

```
D5_Shaurya_83785>update CUSTOMERS SET SNUM = (SELECT SNUM FROM SALESPEOPLE WHERE SN
AME = 'MOTIKA') WHERE SNUM = (SELECT SNUM FROM SALESPEOPLE WHERE SNAME = 'SERRES');
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2  Changed: 2  Warnings: 0

D5_Shaurya_83785>SELECT * FROM CUSTOMERS;
+------+----------+----------+--------+------+
| CNUM | CNAME    | CITY     | RATING | SNUM |
+------+----------+----------+--------+------+
| 2001 | Hoffman  | LONDON   |    100 | 1001 |
| 2002 | Giovanni | Rome     |    200 | 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     |    100 | 1004 |
+------+----------+----------+--------+------+
7 rows in set (0.00 sec)
```