<u>Assignment – 14</u> 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.

```
W2_93085_Tejal select *from salespeople;
         Sname
                   City
                                 Comm
  Snum
  1001
         Peel
                    London
                                 0.12
  1001
         Peel
                    London
                                 0.12
                                 0.13
  1002
                    San_Jose
         Serres
  1004
                    London
         Motika
                                 0.11
  1007
         Rifkin
                    Barcelona
                                 0.15
  1003
         Axelord
                    New_York
                                 0.10
6 rows in set (0.00 sec)
W2_93085_Tejal INSERT INTO SALESPEOPLE (Snum, Sname, City, Comm)
    -> VALUES (1100, 'Blanco', 'San Jose', NULL);
Query OK, 1 row affected (0.03 sec)
W2_93085_Tejal select *from salespeople;
  Snum | Sname
                   City
                                Comm
                    London
  1001
         Peel
                                 0.12
  1001
         Peel
                    London
                                 0.12
  1002
         Serres
                    San_Jose
                                 0.13
  1004
         Motika
                    London
                                 0.11
  1007
         Rifkin
                    Barcelona
                                 0.15
  1003
         Axelord
                    New_York
                                 0.10
  1100
                                 NULL
         Blanco
                    San Jose
 rows in set (0.00 sec)
```

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

```
W2_93085_Tejal select *from orders;
 Onum
         Amt
                    0date
                                  Cnum
                                          Snum
           18.69
                    1990-10-03
                                   2008
                                          1007
  3001
  3003
          767.19
                    1990-10-03
                                   2001
                                          1001
         1900.10
                    1990-10-03
                                   2007
                                          1004
  3002
         5160.45
                    1990-10-03
                                   2003
  3005
                                          1002
  3006
         1098.16
                    1990-10-03
                                   2008
                                          1007
  3009
         1713.23
                    1990-10-04
                                   2002
                                          1003
           75.75
  3007
                    1990-10-04
                                   2004
                                          1002
  3008
         4723.00
                    1990-10-05
                                   2006
                                          1001
  3010
         1309.95
                    1990-10-06
                                   2004
                                          1002
  3011
         9891.88
                    1990-10-06
                                   2006
                                          1001
10 rows in set (0.00 sec)
W2_93085_Tejal DELETE FROM ORDERS
    -> WHERE CNUM = (
    ->
           SELECT CNUM
           FROM CUSTOMERS
    ->
           WHERE CNAME = 'Clemens'
    -> );
Query OK, 2 rows affected (0.01 sec)
W2_93085_Tejal select *from orders;
 Onum
                    0date
                                          Snum
         Amt
                                  Cnum
           18.69
  3001
                    1990-10-03
                                   2008
                                          1007
          767.19
                                   2001
  3003
                    1990-10-03
                                          1001
  3002
         1900.10
                    1990-10-03
                                          1004
                                   2007
  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.

```
W2_93085_Tejal select *from customers;
                     City
                                 Rating
 Cnum
         Cname
                                          Snum
  2001
         Hoffman
                     London
                                    100
                                          1001
  2002
         Giovanni
                     Rome
                                    200
                                          1003
                     San_Jose
  2003
         Liu
                                    200
                                          1002
                     Berlin
  2004
         Grass
                                    300
                                          1002
                     London
  2006
         Clemens
                                    100
                                           1001
  2008
         Cisneros
                     San_Jose
                                    300
                                          1007
  2007
         Pereira
                     Rome
                                    100
                                          1004
7 rows in set (0.00 sec)
W2_93085_Tejal UPDATE CUSTOMERS
    -> SET RATING = RATING + 100
    -> WHERE CITY = 'Rome';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2 Changed: 2 Warnings: 0
W2_93085_Tejal select *from customers;
  Cnum
         Cname
                     City
                                 Rating
                                          Snum
         Hoffman
  2001
                     London
                                    100
                                           1001
  2002
         Giovanni
                     Rome
                                    300
                                           1003
         Liu
  2003
                     San_Jose
                                    200
                                          1002
  2004
                     Berlin
                                    300
         Grass
                                          1002
  2006
         Clemens
                     London
                                    100
                                          1001
  2008
         Cisneros
                     San_Jose
                                    300
                                          1007
  2007
                                    200
                                          1004
         Pereira
                     Rome
 rows in set (0.00 sec)
```

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

```
W2_93085_Tejal SELECT *FROM CUSTOMERS;
                     City
  Cnum
         Cname
                                 Rating |
                                          Snum
         Hoffman
                     London
  2001
                                    100
                                           1001
  2002
         Giovanni
                     Rome
                                    300
                                           1003
  2003
         Liu
                     San_Jose
                                    200
                                           1002
  2004
         Grass
                     Berlin
                                    300
                                           1002
  2006
         Clemens
                     London
                                    100
                                           1001
  2008
                     San_Jose
                                    300
         Cisneros
                                          1007
  2007
         Pereira
                     Rome
                                    200
                                          1004
7 rows in set (0.00 sec)
W2_93085_Tejal UPDATE CUSTOMERS
    -> SET SNUM = 1004
    -> WHERE SNUM = 1002;
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2 Changed: 2 Warnings: 0
W2_93085_Tejal SELECT *FROM CUSTOMERS;
        Cname
                    City
                                 Rating
                                          Snum
  Cnum
         Hoffman
                     London
  2001
                                    100
                                           1001
         Giovanni
  2002
                     Rome
                                    300
                                           1003
         Liu
                     San_Jose
                                    200
  2003
                                           1004
  2004
         Grass
                     Berlin
                                    300
                                           1004
                     London
                                    100
  2006
         Clemens
                                           1001
  2008
         Cisneros
                     San_Jose
                                    300
                                           1007
  2007
         Pereira
                     Rome
                                    200
                                          1004
7 rows in set (0.00 sec)
```