

SQL ASSIGNMENT – 14

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.

Ans :-

```
D5_tejas_84011>INSERT INTO SALESPEOPLE (City,Sname,Comm,Snum) VALUES('San Jose','Blanco', NULL,1100);
Query OK, 1 row affected (0.01 sec)
```

```
D5_tejas_84011>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)
```

Q2. Write a command that removes all orders from customer Clemens from the Orders table.

Ans :-

```
D5_tejas_84011>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
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)

```
D5_tejas_84011>DELETE FROM ORDERS WHERE Cnum IN (SELECT Cnum FROM CUSTOMERS WHERE Cname='Clemens');  
Query OK, 2 rows affected (0.01 sec)
```

```
D5_tejas_84011>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	1309.95	1990-10-06	2004	1002

8 rows in set (0.00 sec)

Q3. Write a command that increases the rating of all customers in Rome by 100.

Ans :-

```
D5_tejas_84011>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
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007
2007	Pereira	Rome	100	1004

7 rows in set (0.00 sec)

```
D5_tejas_84011>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_tejas_84011>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)

Q4. Salesperson Serres has left the company. Assign her customers to Motika.

Ans :-

```
D5_tejas_84011>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)

```
D5_tejas_84011>UPDATE CUSTOMERS SET Snum= (SELECT Snum FROM SALESPEOPLE WHERE Sname='Serres')
-> WHERE Snum = (SELECT Snum FROM SALESPEOPLE WHERE Sname='Motika');
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
D5_tejas_84011>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)