

## Assignment – 14

### 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.

Ans:-

```
D3_92975_siddarth>insert into salespeople (city,Sname, comm, Snum )
-> values ( 'San Jose','Blanco', null, 1100);
Query OK, 1 row affected (0.03 sec)

D3_92975_siddarth>commit;
Query OK, 0 rows affected (0.00 sec)

D3_92975_siddarth>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)
```

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

Ans:-

```

D3_92975_siddarth>delete from orders
-> where cnum = any
-> (select cnum from customers
-> where cname = 'Clemens');
Query OK, 2 rows affected (0.01 sec)

D3_92975_siddarth>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)

```

Cnum of Clemens is 2006;

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

Ans:-

```
D3_92975_siddarth> update customers
-> set rating = rating + 100
-> where city = 'Rome';
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2  Changed: 2  Warnings: 0
```

```
D3_92975_siddarth>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	Barlin	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

Ans:-

```

D3_92975_siddarth>update customers
-> set Snum = ( select abcd.Snum from
-> (select Snum from salespeople
-> where Sname = 'Motika') abcd)
-> where Snum = ( select xyz.Snum from
-> (select Snum from salespeople
-> where Sname = 'serres') xyz);
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2  Changed: 2  Warnings: 0

```

```

D3_92975_siddarth>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	Barlin	300	1004
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007
2007	Pereira	Rome	200	1004

7 rows in set (0.00 sec)

Snum of Motika is 1004 and new customers are Liu and Grass.