

## SQL Assignment - 15

1. Assume there is a table called multicast, with all of the same column definitions as Salespeople. Write a command that inserts all salespeople with more than one customer into this table.

```
kd2_80158_saurabh>insert into multicast select * from salespeople where snum in(select snum from customers group by snum having count(cnum)>1);
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0

kd2_80158_saurabh>select * from multicast;
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.12 |
| 1004 | Motika | London | 0.11 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

2. Write a command that deletes all customers with no current orders.

```
kd2_80158_saurabh>delete from customers where cnum not in(select cnum from(select orders.cnum from orders,customers where orders.cnum=customers.cnum) as s);
Query OK, 1 row affected (0.00 sec)

kd2_80158_saurabh>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)

kd2_80158_saurabh>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 | Cisneros | San Jose | 300 | 1007 |
| 2007 | Pereira | Rome | 200 | 1004 |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

**3. Write a command that increases by twenty percent the commissions of all salespeople with total orders above Rs. 3000.**

```
[kd2_80158_saurabh>update salespeople set comm=comm+0.20 where snum in(select snum from orders group by snum having sum(amt)>3000);
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

[kd2_80158_saurabh>select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname | City | Comm |
+-----+-----+-----+-----+
| 1001 | Peel | London | 0.12 |
| 1002 | Serres | San Jose | 0.33 |
| 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 (0.01 sec)
```