

SAMARTH ZADBUKE

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.

```
W2_SAMARTHZADBUKE_87083>insert into multicast (cnum,cname,city,comm) select salespeople.snum,salespeople.sname,salespeople.city,salespeople.comm from salespeople where salespeople.snum in (select customers.snum from customers group by customers.snum having count(customers.cnum)>1);
Query OK, 1 row affected (0.01 sec)
Records: 1 Duplicates: 0 Warnings: 0

W2_SAMARTHZADBUKE_87083>select * from multicast;
+-----+-----+-----+-----+
| cnum | cname | city  | comm |
+-----+-----+-----+-----+
| 1002 | Motika | San Jose | 0.12 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

W2_SAMARTHZADBUKE_87083>
```

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

BEFORE:

```
W2_SAMARTHZADBUKE_87083>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 |
| 2007 | Pereira  | Rome    | 100    | 1004 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

AFTER:

```
W2_SAMARTHZADBUKE_87083>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 |
| 2007 | Pereira  | Rome    | 200    | 1004 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083>
```

3. Write a command that increases by twenty percent the commissions of all salespeople with total orders above Rs. 3,000.

BEFORE:

```
W2_SAMARTHZADBUKE_87083>select * from salespeople;
```

| Snum | Sname | City | Comm |
|------|---------|-----------|------|
| 1001 | Peel | London | 0.40 |
| 1002 | Motika | San Jose | 0.60 |
| 1003 | Axelrod | New York | 0.40 |
| 1004 | Motika | London | 0.40 |
| 1007 | Rifkin | Barcelona | 0.60 |
| 1100 | Blanco | San Jose | NULL |

6 rows in set (0.00 sec)

AFTER:

```
W2_SAMARTHZADBUKE_87083>update salespeople set comm=comm*0.2 where snum in (select snum from (select snum,sum(amt) as sum_amt from orders group by snum)as subquery);
Query OK, 5 rows affected (0.01 sec)
Rows matched: 5 Changed: 5 Warnings: 0

W2_SAMARTHZADBUKE_87083>select * from salespeople;
```

| Snum | Sname | City | Comm |
|------|---------|-----------|------|
| 1001 | Peel | London | 0.08 |
| 1002 | Motika | San Jose | 0.12 |
| 1003 | Axelrod | New York | 0.08 |
| 1004 | Motika | London | 0.08 |
| 1007 | Rifkin | Barcelona | 0.12 |
| 1100 | Blanco | San Jose | NULL |

6 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083>