

## Assignment 15

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

```
W1_83862_Akshay>insert into Multicust select * from salespeople where $num in(select $num from customers group by $num having (Count($num))>1);
Query OK, 2 rows affected, 4 warnings (0.37 sec)
Records: 2 Duplicates: 0 Warnings: 4

W1_83862_Akshay>select * from Multicust;
+-----+-----+-----+-----+
| $num | $name | City | Comm |
+-----+-----+-----+-----+
| 1001 | Peel | London | 0 |
| 1004 | Motica | London | 0 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

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

```
W1_83862_Akshay>delete from customers where Cnum not in (select Cnum from orders);
Query OK, 1 row affected (0.10 sec)

W1_83862_Akshay>select * from customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname | City | Rating | $num |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 100 | 1001 |
| 2002 | Giovanni | Rome | 300 | 1003 |
| 2003 | Liu | San Jose | 200 | 1004 |
| 2004 | Grass | Berlin | 200 | 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. 3,000.

```
W1_83862_Akshay>update salespeople set Comm =Comm +Comm*0.20 where $num in(select $num from orders group by $num having sum(Amt)>3000);
Query OK, 1 row affected, 3 warnings (0.11 sec)
Rows matched: 1  Changed: 1  Warnings: 3

W1_83862_Akshay>select * from salespeople;
+-----+-----+-----+-----+
| $num | $name  | City    | comm |
+-----+-----+-----+-----+
| 1001 | Peel   | London  | 0.12 |
| 1002 | Serres | San Jose | 0.16 |
| 1004 | Motica | 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)
```