

Assignment 15

KD1-Indrajeet-86641

Q1. 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.

→ Create table Multicust as select * from salespeople where snum in (select snum from customers group by snum having count(snum)>1);

```
KD1-Indrajeet-86641@>select * from multicust;
+-----+-----+-----+-----+
| snum | sname | city   | comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.12 |
| 1002 | Serres| San Jose| 0.13 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

Q2. Write a command that deletes all customers with no current orders.

→ delete from customers where cnum not in(select cnum from orders);

```
KD1-Indrajeet-86641@>delete from customers where cnum not in(select cnum from orders);
Query OK, 0 rows affected (0.00 sec)

KD1-Indrajeet-86641@>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)
```

Q3. Write a command that increases by twenty percent the commissions of all salespeople with total orders above Rs. 3,000.

➔ **update salespeople set comm=comm*1.20 where snum in (select snum from orders where amt>300);**

```
KD1-Indrajeet-86641@>update salespeople set comm=comm*1.20 where snum in (select snum
->      from orders where amt>300);
Query OK, 5 rows affected, 3 warnings (0.01 sec)
Rows matched: 5  Changed: 5  Warnings: 3

KD1-Indrajeet-86641@>select * from salespeople;
+-----+-----+-----+-----+
| snum | sname | city   | comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.14 |
| 1002 | Serres | San Jose | 0.16 |
| 1004 | Motika | London | 0.13 |
| 1007 | Rifkin | Barcelona | 0.18 |
| 1003 | Axelrod | New York | 0.12 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```