

## Assignment – 15

### Using Subqueries with DML Commands.

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.

Ans:

```
KD2-87399-Aditya@>create table multicust as select * from salespeople where snum in (select snum from customers group by snum having count(snum)>1);
Query OK, 2 rows affected, 1 warning (0.03 sec)
Records: 2 Duplicates: 0 Warnings: 1

KD2-87399-Aditya@>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)
```

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

Ans:

```
KD2-87399-Aditya@>delete from customers where cnum in (select cnum from orders group by cnum having count(cnum)=0);
Query OK, 0 rows affected (0.00 sec)
```

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

ans:

```
KD2-87399-Aditya@>update salespeople set comm = comm*1.2 where snum = (select snum from orders group by snum having sum(amt)>3000);
ERROR 1305 (42000): FUNCTION assignment.snum does not exist
KD2-87399-Aditya@>update salespeople set comm = comm*1.2 where snum = (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

KD2-87399-Aditya@>select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname | City   | Comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.12 |
| 1002 | Serres| San Jose | 0.16 |
| 1004 | Motika| London | 0.11 |
| 1007 | Rifkin| Barcelona | 0.15 |
| 1003 | Axelrod | New York | 0.10 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

