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.

```
kd2-sandip-87224@>select * from salespeople
    ->  where snum in (select snum from customers group by snum having count(*) > 1);
+------+--------+--------+------+
| snum | sname  | city   | comm |
+------+--------+--------+------+
| 1001 | Peel   | London | 0.12 |
| 1004 | Motika | London | 0.11 |
+------+--------+--------+------+
2 rows in set (0.01 sec)
```

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

```
kd2-sandip-87224@>delete from customers where cnum not in (select cnum from orders);
Query OK, 1 row affected (0.01 sec)

kd2-sandip-87224@>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. 3,000

```
<d2-sandip-87224@>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, 1 warning (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 1

<d2-sandip-87224@>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 |
| 1100 | Blanco  | San Jose  | NULL |
+------+---------+-----------+------+
6 rows in set (0.00 sec)
```