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.

```
W3_93236_Neha>create table multicust As
    -> select *
    -> from SALESPEOPLE
    -> where Snum in(
    -> select Snum
    -> from CUSTOMERS
    -> GROUP BY Snum
    -> Having count(Cnum)>1);
Query OK, 2 rows affected, 1 warning (0.06 sec)
Records: 2  Duplicates: 0  Warnings: 1

W3_93236_Neha>select * from multicast;
ERROR 1146 (42S02): Table 'classwork.multicast' doesn't exist
W3_93236_Neha>select * from multicust;
+------+--------+--------+------+
| Snum | Sname  | City   | Comm |
+------+--------+--------+------+
| 1001 | Peel   | London | 0.12 |
| 1004 | Motika | London | 0.11 |
+------+--------+--------+------+
```

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

```
W3_93236_Neha>delete from CUSTOMERS
    -> where Cnum not in (
    -> select Cnum
    -> from ORDERS);
Query OK, 1 row affected (0.01 sec)

W3_93236_Neha>select * from CUSTOMERS;
+------+----------+---------+--------+------+
| Cnum | Cname    | City    | Rating | Snum |
+------+----------+---------+--------+------+
| 2001 | Hoffman  | London  |    100 | 1001 |
| 2002 | Giovanni | Rome    |    300 | 1003 |
| 2003 | Liu      | SanJose |    200 | 1004 |
| 2004 | Grass    | Berlin  |    300 | 1004 |
| 2008 | Cesneros | SanJose |    300 | 1007 |
| 2007 | Pereira  | Rome    |    200 | 1004 |
+------+----------+---------+--------+------+
```

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

```
W3_93236_Neha>update SALESPEOPLE
    -> set Comm=Comm* 1.20
    -> where Snum in(
    -> select Snum
    -> from ORDERS
    -> Group by Snum
    -> having sum(Amt)>3000);
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

W3_93236_Neha>select * from SALESPEOPLE;
+------+---------+-----------+------+
| Snum | Sname   | City      | Comm |
+------+---------+-----------+------+
| 1001 | Peel    | London    | 0.14 |
| 1002 | Serres  | San Jose  | 0.16 |
| 1004 | Motika  | London    | 0.11 |
| 1007 | Riftin  | Barcelona | 0.15 |
| 1003 | Axelrod | New work  | 0.10 |
| 1100 | Blanco  | SanJose   | NULL |
+------+---------+-----------+------+
```