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.

```
W2_89692_Aditya>SELECT * FROM salespeople WHERE snum IN(SELECT snum FROM customers GROUP BY snum HAVING count(snum)>1);
+------+--------+----------+------+
| Snum | Sname  | City     | Comm |
+------+--------+----------+------+
| 1001 | Peel   | London   | 0.12 |
| 1002 | Serres | San Jose | 0.16 |
+------+--------+----------+------+
2 rows in set (0.00 sec)
```

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

```
W2_89692_Aditya>DELETE FROM customers
    -> WHERE cnum NOT IN (SELECT cnum FROM orders);
Query OK, 4 rows affected (0.01 sec)
```

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

```
W2_89692_Aditya>UPDATE salespeople
    ->                SET Comm = Comm + 0.20
    ->                WHERE Snum IN (
    ->                   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

W2_89692_Aditya>select * FROM salespeople;
+------+---------+----------+------+
| Snum | Sname   | City     | Comm |
+------+---------+----------+------+
| 1001 | Peel    | London   | 0.12 |
| 1004 | Motika  | London   | 0.11 |
| 1007 | Rifkin  | Bacelona | 0.15 |
| 1003 | Axelrod | New York | 0.10 |
| 1100 | Blanco  | San Jose | 1.00 |
| 1002 | Serres  | San Jose | 0.33 |
+------+---------+----------+------+
6 rows in set (0.00 sec)
```