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.

Query : CREATE TABLE Multicust AS SELECT * FROM Salespeople where snum in (select snum from customer group by snum having count(snum) > 1);

```
D3_93068_Pankaj>select * from Multicust;
+------+---------+---------+------+
| Snum | Sname   | City    | Comm |
+------+---------+---------+------+
| 1001 | Peel    | london  | 0.12 |
| 1004 | Motika  | London  | 0.11 |
+------+---------+---------+------+
2 rows in set (0.00 sec)
```

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

Query : delete from customers where cnum not in (select distinct cnum from orders);

```
D3_93068_Pankaj>select * from customer;
+------+----------+----------+--------+------+
| 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 | Cisnerous| san Jose |    300 | 1007 |
| 2007 | Pereira  | Rome     |    250 | 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.

Query : update salespeople set comm = 1.22*comm where snum in (select snum from orders group by snum having sum(amt) > 3000 ) ;

```
D3_93068_Pankaj>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)
```