

Assignment – 15

Using Subqueries with DML Commands.

Roll No: 87243

- 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.

```
KD2-87243-kartik@>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 (0.64 sec)
Records: 2 Duplicates: 0 Warnings: 1

KD2-87243-kartik@>select * from Multicust;
+-----+-----+-----+-----+
| Snum | Sname | city   | Comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.12 |
| 1002 | Serres| San Jose| 0.13 |
+-----+-----+-----+-----+
2 rows in set (0.11 sec)
```

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

```
KD2-87243-kartik@>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.

```
KD2-87243-kartik@>Update salespeople set comm = comm*1.2 where snum IN (select snum from orders where amt > 300);
Query OK, 5 rows affected (0.28 sec)
Rows matched: 5 Changed: 5 Warnings: 0

KD2-87243-kartik@>select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname | city   | Comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.14 |
| 1002 | Serres| San Jose| 0.16 |
| 1004 | Motika| London | 0.13 |
| 1007 | Rifkin| Barcelona| 0.18 |
| 1003 | Axelrod| New York| 0.12 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

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