

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_92894_Ekta>CREATE TABLE multicust AS
-> SELECT * FROM salespeople WHERE 1=0;
Query OK, 0 rows affected, 1 warning (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 1

W2_92894_Ekta>INSERT INTO multicust
-> SELECT s.*
-> FROM salespeople s
-> WHERE s.snum IN (
->     SELECT c.snum
->     FROM customers c
->     GROUP BY c.snum
->     HAVING COUNT(c.cnum) > 1
-> );
Query OK, 2 rows affected (0.03 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

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

```
W2_92894_Ekta>DELETE FROM customers
-> WHERE cnum NOT IN (
->     SELECT DISTINCT cnum
->     FROM orders
-> );
Query OK, 1 row affected (0.04 sec)
```

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

```
W2_92894_Ekta>UPDATE salespeople
-> SET comm = comm * 1.2
-> WHERE snum IN (
->     SELECT o.snum
->     FROM orders o
->     GROUP BY o.snum
->     HAVING SUM(o.amt) > 3000
-> );
Query OK, 1 row affected (0.03 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```