

## SQL Assignment – 15

Using Subqueries with DML Commands.

1) Assume there is a table called Multicast, 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_84107_Aboli>create table Multicast as select * from SALEPEOPLE where (select COUNT(DISTINCT Cnum) from CUSTOMERS where CUSTOMERS.Snum=SALEPEOPLE.Snum) > 1;
Query OK, 2 rows affected, 1 warning (0.57 sec)
Records: 2 Duplicates: 0 Warnings: 1

W3_84107_Aboli>select * from Multicast;
+-----+-----+-----+-----+
| Snum | Sname | City   | Comm |
+-----+-----+-----+-----+
| 1001 | Peel  | London | 0.12 |
| 1002 | Serres | San Jose | 0.13 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

W3_84107_Aboli>
```

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

```
W3_84107_Aboli>delete from CUSTOMERS where Cnum in(select Cnum from ORDERS where Cnum is null);
Query OK, 0 rows affected (0.00 sec)

W3_84107_Aboli>
```

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

```
W3_84107_Aboli>update SALEPEOPLE SET Comm = Comm + 0.20 where Snum IN ( select Snum from ORDER
S   group by Snum having Sum(Amt ) > 3000 );
Query OK, 1 row affected (0.18 sec)
Rows matched: 1  Changed: 1  Warnings: 0

W3_84107_Aboli>select * from SALEPEOPLE;
+-----+-----+-----+-----+
| Snum | Sname  | City    | Comm |
+-----+-----+-----+-----+
| 1001 | Peel   | London  | 0.12 |
| 1002 | Serres | San Jose | 0.33 |
| 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)

W3_84107_Aboli>
```