

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.

Ans:-

```
KD3_86718_yagywalky@>create table multicast
-> 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 (0.05 sec)
Records: 2 Duplicates: 0 Warnings: 1

KD3_86718_yagywalky@>select * from multicast;
ERROR 1146 (42S02): Table 'classwork.multicast' doesn't exist
KD3_86718_yagywalky@>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)
```

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

Ans:-

```
KD3_86718_yagywalky@>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.

Ans:-

```
KD3_86718_yagywalky@>update salespeople
    -> set comm = comm*1.2
    -> where snum in (select snum from orders group by snum having sum(amt)>
3000);
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0
```

```
KD3_86718_yagywalky@>select * from salespeople;
```

Snum	Sname	City	Comm
1001	Peel	London	0.14
1002	Serres	San Jose	0.16
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15
1003	Axelrod	New York	0.10

```
5 rows in set (0.00 sec)
```