

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 customers group by snum having count(snum) > 1);

```
D3_92972_Shubham>select * from Multicust;
```

Snum	Sname	City	Comm
1001	Peel	London	0.12
1002	Serres	San Jose	0.13

2 rows in set (0.01 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_92972_Shubham>delete from customers where cnum not in (select distinct cnum from orders);
Query OK, 1 row affected (0.02 sec)

D3_92972_Shubham>select * from customers;
```

Cnum	Cname	City	Rating	Snum
2001	Hoffman	London	100	1001
2002	Giovanni	Rome	300	1003
2003	Liu	San Jose	200	1002
2004	Grass	Berlin	300	1002
2008	Cisneros	San Jose	300	1007
2007	Pereira	Rome	200	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_92972_Shubham>update salespeople set comm = 1.22*comm where snum in (select snum from orders group b
y snum having sum(amt) > 3000 ) ;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

D3_92972_Shubham>select * from salespeople;
+-----+-----+-----+-----+
| Snum | Sname  | City    | Comm |
+-----+-----+-----+-----+
| 1001 | Peel   | London  | 0.12 |
| 1002 | Serres | San Jose | 0.13 |
| 1004 | Motika | London  | 0.13 |
| 1007 | Rifkin | Barcelona | 0.15 |
| 1003 | Axelrod | New York | 0.10 |
| 1100 | Blanco | San Jose | NULL |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```