Assignement 15

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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.

Ans :

create table multicast as select * from salespeople where snum in (select snum from customers group by snum having count(snum) >1) ;

```
KD3_86752_prathamesh@>create table multicast as select * from salespeople wh
ere snum in ( select snum from customers group by snum having count(snum) >1
) ;
Query OK, 2 rows affected (0.04 sec)
Records: 2  Duplicates: 0  Warnings: 0

KD3_86752_prathamesh@>select * from multicast ;
+------+--------+--------+------+
| snum | sname  | city   | comm |
+------+--------+--------+------+
| 1001 | Peel   | London | 0.12 |
| 1004 | Motika | London | 0.11 |
+------+--------+--------+------+
2 rows in set (0.00 sec)
```

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

Ans :

DELETE c
    -> FROM customers c
    -> LEFT JOIN orders o ON c.cnum = o.cnum
    -> WHERE o.cnum IS NULL;

```
KD3_86752_prathamesh@>DELETE c
    -> FROM customers c
    -> LEFT JOIN orders o ON c.cnum = o.cnum
    -> WHERE o.cnum IS NULL;
Query OK, 2 rows affected (0.02 sec)

KD3_86752_prathamesh@>select * from customers ;
+-------+----------+-----------+--------+-------+
| cnum  | cname    | city      | rating | snum  |
+-------+----------+-----------+--------+-------+
|  2001 | Hoffman  | London    |    100 | 1001  |
|  2002 | Giovanni | Rome      |    300 | 1003  |
|  2003 | Liu      | San Jose  |    200 | 1004  |
|  2004 | Grass    | Berlin    |    300 | 1004  |
|  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

Asn : update salespeople set comm= comm*1.20 where snum in (select snum from orders where amt>300) ;

```
KD3_86752_prathamesh@>update salespeople set comm= comm*1.20 where snum in (
select snum from orders where amt>300) ;
Query OK, 5 rows affected, 3 warnings (0.05 sec)
Rows matched: 5  Changed: 5  Warnings: 3

KD3_86752_prathamesh@>select * from salespeople ;
+-------+----------+-----------+-------+
| snum  | sname    | city      | comm  |
+-------+----------+-----------+-------+
|  1001 | Peel     | London    | 0.14  |
|  1002 | Serres   | San Jose  | 0.23  |
|  1004 | Motika   | London    | 0.13  |
|  1007 | Rifkin   | Barcelona | 0.18  |
|  1003 | Axelrod  | New York  | 0.12  |
|  NULL | Blanco   | San Jose  | NULL  |
+-------+----------+-----------+-------+
6 rows in set (0.00 sec)
```