

Assignment No 15

**Please note: to manipulate the values the copies of tables are created namely:
customers=c1, salespeople = s1, orders=o1**

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.

```
D5_86982_JUILI@>create table multicust 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 (0.03 sec)
Records: 2 Duplicates: 0 Warnings: 1

D5_86982_JUILI@>select*from multicust;
+-----+-----+-----+-----+
| 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.

Added the dummy values to check

```
D5_86982_JUILI@>select *from c1
-> where cnum in (
-> select cnum from c1
-> where cnum not in (select cnum from o1));
+-----+-----+-----+-----+-----+
| Cnum | Cname  | City   | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | London | 100    | 1001 |
| 2010 | Jack    | Paris  | 500    | 1005 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```

D5_86982_JUILI@>CREATE TEMPORARY TABLE temp_cnum AS
-> SELECT cnum
-> FROM c1
-> WHERE cnum NOT IN (SELECT o1.cnum FROM o1);
-> DELETE FROM c1
-> WHERE cnum IN (SELECT cnum FROM temp_cnum);
-> //
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

Query OK, 2 rows affected (0.02 sec)

```

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

```

D5_86982_JUILI@>update s1 set comm=comm+0.20
-> where snum in
-> (select snum from o1
-> group by snum
-> having sum(amt)>3000);
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

D5_86982_JUILI@>select*from s1;
+-----+-----+-----+-----+
| city      | sname  | comm  | snum  |
+-----+-----+-----+-----+
| London    | Peel   | 0.12  | 1001  |
| San Jose  | Serres | 0.33  | 1002  |
| London    | Motika | 0.11  | 1004  |
| Barcelone | Rifkin | 0.15  | 1007  |
| New York  | Axelrod | 0.10  | 1003  |
| San Jose  | Blanco | NULL   | 1100  |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)

```