

## Assignment 7

### (Subquery in SQL)

**Table 1: SalesPeople**

**Snum** is Primary key

**Sname** is Unique constraint

<b>Snum</b>	<b>Sname</b>	<b>City</b>	<b>Comm</b>
1001	Peel	London	0.12
1002	Serres	Sanjose	0.13
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15
1003	Axelrod	New York	0.10

**Table 2: Customers**

**Cnum** is Primary Key

**City** has not null constraint.

**Snum** is foreign key constraint refers Snum column of SalesPeople table.

<b>Cnum</b>	<b>Cname</b>	<b>City</b>	<b>Snum</b>
2001	Hoffman	London	1001
2002	Giovanni	Rome	1003
2003	Liu	Sanjose	1002
2004	Grass	Berlin	1002
2006	Clemens	London	1001
2008	Cisneros	Sanjose	1007
2007	Pereira	Rome	1004

**Table 3: Orders**

**Onum** is Primary key

**Cnum** is foreign key refers to Cnum column of Customers table.

**Snum** is foreign key refers Snum column of SalesPeople table.

<b>Onum</b>	<b>Amt</b>	<b>Odate</b>	<b>Cnum</b>	<b>Snum</b>
3001	18.69	3-10-1990	2008	1007
3003	767.19	3-10-1990	2001	1001
3002	1900.10	3-10-1990	2007	1004
3005	5160.45	3-10-1990	2003	1002
3006	1098.16	3-10-1990	2008	1007
3009	1713.23	4-10-1990	2002	1003
3007	75.75	4-10-1990	2004	1002
3008	4273.00	5-10-1990	2006	1001
3010	1309.95	6-10-1990	2004	1002
3011	9891.88	6-10-1990	2006	1001

- 1) Create the above three tables and insert those records.
- 2) Display all the salesperson whose all orders worth is more than Rs. 2000.
- 3) Display the salesperson id handling at least two customers.
- 4) Display the salesperson names handling at least two customers.
- 5) Display the number of Salespeople belonging to London and Paris.
- 6) Display the customer names corresponding to salesperson belonging to London and Paris.
- 7) Display the customer names whose order amount is worth 1200.
- 8) Display the customer names who belong to the same city as their salesperson.
- 9) Display the salesperson names having commission more than 10 percent and who handled more than two customers.
- 10) Display the customer's name who orders exactly one order and his salesperson name.
- 11) Insert the details of a salesperson in the table who is a new joined and did not handle any customer. Write a query for the salesperson who has not handle any customer.
- 12) Write a query that counts the number of Salespeople registering orders for each day.
- 13) Find out the no. of Salesperson who belongs to same city and have same commission percentage.