

## **A Sample Database for assignment 7 & 8**

### **(RDBMS APP: Order Entry System)**

#### **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	.12
1002	Serres	Sanjose	.13
1004	Motika	Landon	.11
1007	Rifkin	Barcelona	.15
1003	Axelrod	Newyork	.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

## Assignment 7

- 1) Count the number of Salesperson whose name begin with 'a'/'A'.
- 2) Display all the Salesperson whose all orders worth is more than Rs. 2000.
- 3) Count the number of Salesperson belonging to **Newyork**.
- 4) Display the number of Salespeople belonging to **Landon** and belonging to **Paris**.
- 5) Display the number of orders taken by each Salesperson and their date of orders.
- 6) Write a query that counts the number of Salespeople registering orders for each day.
- 7) Write a query that selects the first customer in alphabetical order , whose name begins with 'G'.
- 8) Find out the largest orders for Snum 1002 & 1007.
- 9) Find out the maximum single order amount of a Salesperson over Rs. 3000 in a day.
- 10) Find out the no. of Salesperson who belongs to same city and have same commission percentage.

## Assignment-8

1-Find those salesperson name who live in any one of the city of customers  
(do it both with sub-query and join)

2-Find those salesperson name,customers name who belong to any one of the  
city of customers  
(do it both with sub-query and join)

3-Find those salesperson name who belong to the city of their customer  
(do it both with sub-query and join)

4-Find those salesperson name who belong to the city of their customer  
(do it with co-related sub-query)

5-Find those salesperson name,customer name where salesperson is  
assigned/not assigned to any customer

6-Find those customer name who is not assigned to any salesperson

7-Find the highest order of each salesperson

8-Find the names of salesperson and their highest order

9-Find those orders of salesperson which is more than his average orders

10-List those salesperson who has more than two customers.  
(use all 3 methods)