A Sample Database for assignment 7 & 8

(RDBMS APP: Order Entry System)

Table 1: SalesPeople

Snum is Primary key

Sname is Unique constraint

Snum	Sname	City	Comm
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.

Cnum	Cname	City	Snum
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.

Onum	Amt	Odate	Cnum	Snum
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 cty 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)