**Assignment**

**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 London .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

On the basis of above tables perform given below questions

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**Question**:

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 **London**and belonging to **Paris**.
5. Display the number of orders taken by each Salesperson and their date of orders.

**Solution:**

1. select count(\*) from SalesPeople where Sname like 'A%' OR Sname like 'a%' ;

1. select distinct(Sname) from SalesPeople, Orders where Amt > 2000.0 AND SalesPeople.Snum = Orders.Snum ;
2. select Sname from SalesPeople where City = 'Newyork' ;
3. select Sname from SalesPeople where City = 'Newyork'  and City = ‘Paris’ ;
4. select Snum, count(\*) as 'No. of Orders' , group\_concat( distinct Odate) as 'Order Dates' from Orders group by Snum ;