

```
create database sales;
use sales;
DROP TABLE IF EXISTS `SalesPeople`;
create table SalesPeople(Snum int PRIMARY KEY,
Sname varchar(20) UNIQUE,
City varchar(30),
Comm int);
INSERT INTO SalesPeople values(1001,'Peel.','London',12);
INSERT INTO SalesPeople values(1002,'Serres','Sanjose',13);
INSERT INTO SalesPeople values(1004,'Motika','London',11);
INSERT INTO SalesPeople values(1007,'Rifkin','Barcelona',15);
INSERT INTO SalesPeople values(1003,'Axelrod','Newyork',10);
```

```
DROP TABLE IF EXISTS `Orders`;
create table Orders(Onum int PRIMARY KEY,
Amt float,
Odate date,
Cnum int,
Snum int,
FOREIGN KEY (Cnum) REFERENCES Customers(Cnum),
FOREIGN KEY (Snum) REFERENCES SalesPeople(Snum));
INSERT INTO Orders values(3001,18.69,'1990-10-3',2008,1007);
INSERT INTO Orders values(3003,769.19,'1990-10-3',2001,1001);
INSERT INTO Orders values(3002,1900.10,'1990-10-3',2007,1004);
INSERT INTO Orders values(3005,5160.45,'1990-10-3',2003,1002);
INSERT INTO Orders values(3006,1098.16,'1990-10-3',2008,1007);
INSERT INTO Orders values(3009,1713.23,'1990-10-4',2002,1003);
INSERT INTO Orders values(3007,75.75,'1990-10-4',2004,1002);
INSERT INTO Orders values(3008,4273.00,'1990-10-5',2006,1001);
INSERT INTO Orders values(30010,1309.95,'1990-10-6',2004,1002);
INSERT INTO Orders values(30011,9891.88,'1990-10-6',2006,1001);
```

```
Select * from Salespeople;
```

Result Grid				
	Snum	Sname	City	Comm
▶	1001	Peel.	London	12
	1002	Serres	Sanjose	13
	1003	Axelrod	Newyork	10
	1004	Motika	London	11
	1007	Rifkin	Barcelona	15
★	NULL	NULL	NULL	NULL

Select * from Orders;

Result Grid					
	Onum	Amt	Odate	Cnum	Snum
▶	3001	18.69	1990-10-03	2008	1007
	3002	1900.1	1990-10-03	2007	1004
	3003	769.19	1990-10-03	2001	1001
	3005	5160.45	1990-10-03	2003	1002
	3006	1098.16	1990-10-03	2008	1007
	3007	75.75	1990-10-04	2004	1002
	3008	4273	1990-10-05	2006	1001
	3009	1713.23	1990-10-04	2002	1003
	30010	1309.95	1990-10-06	2004	1002
	30011	9891.88	1990-10-06	2006	1001
	NULL	NULL	NULL	NULL	NULL

1. Count the number of Salesperson whose name begins with 'a'/'A'.

select count(Sname) as Count_Name from SalesPeople where Sname like 'A%' OR 'a%';

Result Grid	
	Count_Name
▶	1

2. Display all the Salesperson whose all orders worth is more than Rs. 2000.

select s.Sname,round(sum(o.Amt),2) from SalesPeople as s join Orders as o on s.Snum=o.Snum where o.Amt>2000 group by s.Sname;

Result Grid		
	Sname	round(sum(o.Amt),2)
▶	Serres	5160.45
	Peel.	14164.88

3. Count the number of Salesperson belonging to Newyork.

```
select count(Sname) as Newyork_count from SalesPeople where City='Newyork';
```

Result Grid	
	Newyork_count
▶	1

4. Display the number of Salespeople belonging to London and belonging to Paris.

```
select City,count(Sname) from SalesPeople where City in ('London','Paris') group by City;
```

(Since Paris is not present in table)

Result Grid		
	City	count(Sname)
▶	London	2

5. Display Name of the Salespeople who got the maximum amount in orders.

```
select s.Sname,o.Amt from Salespeople as s inner join Orders as o on s.Snum=o.Snum
where o.Amt=(select max(Amt) from Orders);
```

Result Grid		
	Sname	Amt
▶	Peel.	9891.88