41.Find all orders with amounts smaller than any amount for a customer in San Jose

select o.amt from orders o where o.amt<any(select min(o.amt) from orders o,customer c where c.cnum=2008 group by o.amt);

42.Find all orders with above average amounts for their customers?

select avg(o.amt) from orders o,customer c where c.cnum=o.cnum;

43. Write a query that selects the highest rating in each city.

select max(rating),city from customer group by city;

44. Write a query that calculates the amount of the salesperson s commission on each order by a customer with a rating above 100.00.

select distinct(s.sname),s.comm\*o.amt,c.rating from salespeople s,customer c,orders o where c.rating>100 and c.cnum=o.cnum and s.snum=c.snum;

45. Count the customers with ratings above San Jose s average.

select count(cnum),rating from customer c where city ='San Jose' group by city,rating having rating>avg(rating);

46. Write a query that produces all pairs of salespeople with themselves as well as duplicate rows with the order reversed.

select a.sname,b.sname from salespeople a,salespeople b order by b.sname desc;

47. Find all salespeople that are located in either Barcelona or London.

select sname,city from salespeople where city='barcelona' or city='london';

48.find all salespeople with only customer?

select s.snum,s.sname,c.cnum,c.cname from salespeople s,customer c where s.snum=c.snum;

50.Write a query that will give you all orders for more than $1000.00

select onum from orders where amt>1000;