SQL
Submitted by Darshik A S

1) select avg(av) as average from (select count(shippedDate) as av from orders group by shippedDate) as t;

2) select avg(av) as average from (select count(requiredDate) as av from orders group by requiredDate) as t;

3) select productName from products order by MSRP DESC limit 1;

4) select productName from products order by quantityInStock limit 1;

5) select productName from products p inner join (select productCode, sum(quantityOrdered) as s from orderdetails group by productCode order by s DESC limit 1) as t where p.productCode = t.productCode;

6) select customerName from customers c inner join (select sum(amount) as sa, customerNumber from payments group by customerNumber order by sa DESC limit 1) as t where t.customerNumber = c.customerNumber;

7) select customerNumber, customerName from customers where city="Melbourne";

8) select customerName from customers where customerName like "N%";

9) select customerName from customers where phone like "7%" and city = "Las Vegas";

10) select customerName from customers where creditLimit < 1000 and city in ("Las Vegas","Nantes","Stavern");

11) select orderNumber from orderdetails where quantityOrdered < 10;

12) select orderNumber from orders as o inner join (select customerNumber, customerName from customers where customerName like "N%") as t where o.customerNumber = t.customerNumber;

13) select customerName from customers as c inner join (select customerNumber from orders where status = "Disputed") as t where c.customerNumber = t.customerNumber;

14) select customerName from customers as c inner join (select customerNumber from payments where checkNumber like "H%" and paymentDate = "2004-10-19") as t where c.customerNumber = t.customerNumber;

15) select checkNumber from payments where amount > 1000;