

WORKSHEET 4 SQL

1. select (select avg(count(orderNumber))) as averageOrder, shippedDate from orders
group by shippedDate;
2. select (select avg(count(orderNumber))) as averageOrder, orderDate from orders
group by orderDate;
3. select productName,MSRP from products
order by MSRP asc
limit 1;
4. select productName,quantityInStock from products
order by quantityInStock desc
limit 1;
5. select productName,quantityOrdered from products
left join
orderdetails on products.productCode=orderdetails.productCode
union
select productName,quantityOrdered from products
right join
orderdetails on products.productCode=orderdetails.productCode
order by quantityOrdered desc
limit 1;

6. select customerName from (select customerName,amount from customers
left join
payments on payments.customerNumber=customers.customerNumber
union
select customerName,amount from customers
right join
payments on payments.customerNumber=customers.customerNumber) as a
order by amount desc
limit 1;

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= 'LasVegas';

10. select customerName from customers
where creditLimit < 1000 and city='LasVegas' | city='Nantes' | city='Stavern';

11. select orderNumber from orderdetails
where quantityOrdered < 10;

12. select orderNumber from (select orderNumber, customerName from customers
left join
orders on orders.customerNumber=customers.customerNumber
union
select orderNumber, customerName from customers
right join
orders on customers.customerNumber=orders.customerNumber) as b
where customerName like 'N%';

13. select customerName from (select customerName,status from customers
left join
orders on orders.customerNumber=customers.customerNumber
union
select customerName,status from customers
right join
orders on customers.customerNumber=orders.customerNumber) as b
where status='Disputed';

14. select customerName from (select customerName,checkNumber,paymentDate from payments
left join
customers on customers.customerNumber=payments.customerNumber
union
select customerName,checkNumber,paymentDate from payments
right join
customers on customers.customerNumber=payments.customerNumber) as b
where checkNumber like 'H%' and paymentDate='2004-10-19';

15. select checkNumber from payments
where amount > 1000;