SQL Worksheet 4

1. Write a SQL query to show average number of orders shipped in a day (use Orders table).

select avg(ordershippedperday) from (select count(orderNumber) as ordershippedperday from orders group by shippedDate) as count_table ;

2. Write a SQL query to show average number of orders placed in a day.

select avg(ordersperday) from (select count(orderNumber) as ordersperdayfrom orders group by orderDate) as count_table ;

3. Write a SQL query to show the product name with minimum MSRP (use Productstable)

select productName from products where MSRP=(select min(MSRP) from products) ;

4. Write a SQL query to show the product name with maximum value ofstockQuantity

select productName from products where quantityInStock=(select max(quantityInStock) from products) ;

5. Write a query to show the most ordered product Name (the product with maximum number of orders)

select productName from orderdetails join products on orderdetails.productCode=products.productCode group by orderdetails.productCode order by sum(quantityOrdered) desc limit 1 ;

6. Write a SQL query to show the highest paying customer Name

 select customerName from payments join customers on payments.customerNumber=customers.customerNumber order by amount desc limit 1 ;

7. Write a SQL query to show cutomerNumber, customerName of all the customers who are from Melbourne city

select customerName,customerNumber from customers where city like 'Melbourne%' ;

8. Write a SQL query to show name of all the customers whose name start with "N"

select customerName from customers where customerName like 'N%' ;

9. Write a SQL query to show name of all the customers whose phone start with '7' and are from city 'LasVegas'

select customerName,phone,city from customers where phone like '7%' and city like 'las%as';

10. Write a SQL query to show name of all the customers whose creditLimit < 1000 and city is either "Las Vegas" or "Nantes" or "Stavern"

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

11. Write a SQL query to show all the orderNumber in which quantity ordered <10

select orderNumber from orderdetails where quantity Ordered < 10 ;

12. Write a SQL query to show all the orderNumber whose customer Name start with letter 'N'

select orderNumber from customers join orders on customers.customerNumber=orders.customerNumber where customerName like 'N%' ;

13. Write a SQL query to show all the customerName whose orders are "Disputed" in status.

select customerName from customers join orders on customers.customerNumber=orders.customerNumber where status='disputed' ;

14. Write a SQL query to show the customerName who made payment through cheque with checkNumber startingwith H and made payment on "2004-10-19"

select customerName from payments join customers on payments.customerNumber=customers.customerNumber where checkNumber like 'H%' and paymentDate='2004-10-19' ;

15. Write a SQL query to show all the checkNumber whose amount > 1000

select checkNumber from payments where amount>1000 ;