

SQL Worksheet 4 Answersheet

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 of stockQuantity
➔ `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 customerNumber, 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','starvern');`
11. Write a SQL query to show all the orderNumber in which quantity ordered <10
➔ `select orderNumber from orderdetails where quantityOrdered < 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;`