

Worksheet-4

SQL

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

Ans. `SELECT shippedDate, Avg (orderNumber) FROM Orders GROUP BY shippedDate;`

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

Ans. `SELECT orderDate, Avg (orderNumber) FROM Orders GROUP BY orderDate;`

Question 3- Write a SQL query to show the product name with minimum MSRP (use Products table).

Ans. `SELECT productname, MIN (MSRP) FROM product;`

Question 4- Write a SQL query to show the product name with maximum value of stockQuantity.

Ans. `SELECT productname , MAX (quantityinstock) FROM products;`

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

Ans. `SELECT productname , MAX(quantityordered) FROM orderdetails INNER JOIN products ON orderdetails.`productcode` = products.`productcode`;`

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

Ans. `SELECT customername , MAX(amount) FROM payments INNER JOIN customers ON payments.`customerNumber` = customers.`customerNumber`;`

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

Ans. `SELECT customerNumber, customerName FROM customers WHERE city=' Melbourne city';`

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

Ans. `SELECT customerName FROM customers WHERE customername LIKE 'N%';`

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

Ans. `SELECT customerName FROM customers WHERE phone LIKE '7__' AND city = 'Las Vegas';`

Question 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".

Ans. SELECT customerName FROM customers WHERE creditLimit < 1000 AND city IN ("Las Vegas", "Nantes", "Stavern");

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

Ans. SELECT orderNumber FROM orderdetails WHERE quantityordered <10;

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

Ans. SELECT ordernumber FROM orders WHERE customername LIKE 'N%' INNER JOIN customers ON orders.`customerNumber` = customer.`customerNumber`;

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

Ans. SELECT customerName FROM customers WHERE status='Disputed' INNER JOIN orders ON customers.`customerNumber` = orders.`customerNumber`;

Question 14- 4. Write a SQL query to show the customerName who made payment through cheque with checkNumber starting with H and made payment on "2004-10-19".

Ans. SELECT customerName FROM customers WHERE checkNumber LIKE 'H%' AND paymentDate='2004-10-19' INNER JOIN payments ON customers.`customerNumber` = payments.`customerNumber`;

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

Ans. SELECT checkNumber FROM payments WHERE amount > 1000