



WORKSHEET -4 (SQL)

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

Ans: SELECT AVG(shippedDate) FROM orders GROUP BY orderDate;

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

Ans: SELECT AVG(orderNumber) FROM orders GROUP BY orderDate;

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

Ans: SELECT productName, MSRP
FROM products
WHERE MSRP=
(SELECT MIN (MSRP) FROM Products);

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

Ans: SELECT productName, quantityInStock
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).

Ans: SELECT productName, quantityOrdered
FROM orderDetails
WHERE quantityOrdered =
(SELECT MAX (quantityOrdered) FROM orderDetails);

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

Ans: SELECT a.customerName FROM customers a, WHERE b.amount =(SELECT
MAX(amount)) FROM payments b, AND a.customerNumber = b.customerNumber;

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;

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

Ans: SELECT * 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 'Las Vegas'.

Ans: SELECT CustomerName FROM Customers
WHERE phone LIKE '7%'
AND city='Las Vegas';

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="Las Vegas" OR city="Nantes" OR city=" Stavern";

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

Ans: SELECT orderNumber FROM orderdetails
WHERE quantityOrdered <10

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

Ans: SELECT o.orderNumber FROM orders o
LEFT JOIN customers c
ON c.customerNumber =o.customerNumber
WHERE c.customerName LIKE 'N%'

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

Ans: SELECT a.customerName FROM customers WHERE b.status='Disputed' FROM
orders b AND a.customerNumber=b.customerNumber

