



## 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

