

## SQL Worksheet 4

Q1. Write a SQL query to show average number of orders shipped in a day (use Orders table).

Ans: SELECT AVG(shippedDate)From orders;

Q2. Write a SQL query to show average number of orders placed in a day.

Ans: SELECT AVG(Customers)From orders;

Q3. Write a SQL query to show the product name with minimum MSRP (use Products table).

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

Q4. 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);

Q5. Write a query to show the most ordered product Name (the product with maximum number oforders).

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

Q6. Write a SQL query to show the highest paying customer Name.

Ans: SELECT \*  
FROM Payments WHERE  
amount IN (WHERE max  
(amount)  
FROM Payments  
(WHERE CustomerNumber IN  
SELECT CustomerName FROM  
Customers));

Q7. Write a SQL query to show cutomerNumber, customerName of all the customers who are fromMelbourne city.

Ans: SELECT CustomerNumber, CustomerNameFROM  
customers  
WHERE CITY = Melbourne ;

Q8. Write a SQL query to show name of all the customers whose name start with "N".

Ans: SELECT \*  
FROM Customers  
WHERE customerName LIKE 'N%' ;

Q9. 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';

Q10. 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";

Q11. Write a SQL query to show all the orderNumber in which quantity ordered < 10.

Ans: SELECT orderNumber  
FROM orderdetails  
WHERE quantity ordered < 10

Q12. 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%'

Q13. Write a SQL query to show all the customerName whose orders are "Disputed" in status.

Ans: SELECT CustomerNumber  
FROM orders  
( WHERE status='Disputed'  
FROM orders  
(WHERE CustomerNumber IN  
SELECT CustomerName FROM  
Customers));

Q14. 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 CustomerNumber FROM  
payments  
WHERE checkNumber LIKE 'H%' AND  
PaymentDate=2004-10-19  
FROM payments  
(WHERE CustomerNumber IN  
SELECT CustomerName FROM  
Customers));

Q15. Write a SQL query to show all the checkNumber whose amount > 1000.

Ans: SELECT checkNumber  
FROM payments WHERE  
amount >1000 ;

