

## WORKSHEET 4 SQL

1. Write a SQL query to show average number of orders shipped in a day (use Orders table).  
➤ `SELECT ordernumber, shippeddate FROM Orders WHERE ordernumber = (SELECT avg(ordernumber) FROM Orders);`
2. Write a SQL query to show average number of orders placed in a day  
➤ `SELECT ordernumber, orderdate FROM Orders WHERE ordernumber = (SELECT avg(ordernumber) FROM Orders);`
3. Write a SQL query to show the product name with minimum MSRP (use Productstable).  
➤ `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 stock Quantity.  
➤ `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).  
➤ `SELECT productName, COUNT(DISTINCT productCode) FROM Products GROUP BY productName ORDER BY 2 DESC;`
6. Write a SQL query to show the highest paying customer Name.  
➤ `SELECT * Top 1 customername from customers join payments on customers.customernumber=payments.customernumber group by customername order by count(*)DESC;`
7. Write a SQL query to show cutomerNumber, customerName of all the customers who are fromMelbourne city.  
➤ `SELECT cutomerNumber, customerName FROM Customers WHERE city= 'Melbourne city';`
8. Write a SQL query to show name of all the customers whose name start with “N”.  
➤ `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'
- `SELECT * customerName FROM Customers WHERE city= 'Las Vegas' and WHERE phone='^7*';`
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 Customer where creditlimit>1000 and city=' "Las Vegas" or "Nantes" or "Stavern" ;`
11. Write a SQL query to show all the orderNumber in which quantity ordered < 10.
- `SELECT ordernumber from Orderdetails where quantityorderd < 10 ;`
12. Write a SQL query to show all the orderNumber whose customer Name start with letter 'N'.
- `select ordernumber from Orders join Customers on customers.customernumber=ordernumber.customernumber WHERE customername LIKE 'N%';`
13. Write a SQL query to show all the customerName whose orders are "Disputed" in status.
- `Select ordernumber from Orders join Customers on customers.customernumber=status.customernumber WHERE (status = "Disputed") ;.`
14. 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"
- `Select customerNumber from payments Customers on customers.customernumber=checkNumber.customernumber WHERE (paymentDate = "2004-10-19" AND checkNumber LIKE 'H%');`
15. Write a SQL query to show all the checkNumber whose amount > 1000.
- `SELECT checkNumber FROM Payments WHERE amount > 1000;`