

## WORKSHEET 4 SQL

1. Write a SQL query to show average number of orders shipped in a day (use Orders table).  
SELECT shippedDate, AVG (orderNumber)  
FROM Orders  
GROUP BY ShippedDate;
2. Write a SQL query to show average number of orders placed in a day.  
SELECT OrderDate, AVG (orderNumber)  
FROM Orders  
GROUP BY orderDate;
3. Write a SQL query to show the product name with minimum MSRP (use Products table).  
SELECT productname, MIN(MSRP)  
FROM product;
4. Write a SQL query to show the product name with maximum value of stockQuantity.  
SELECT productname, MAX (stockQuantity)  
FROM products;
5. Write a query to show the most ordered product Name (the product with maximum number of orders).  
SELECT productname, MAX (quantityordered)  
FROM orderdetails  
INNER JOIN products  
ON orderdetails.productcode = products.productcode
6. Write a SQL query to show the highest paying customer Name.  
SELECT customername, MAX (amount)  
FROM payments  
INNER JOIN customers  
ON payments.customerNumber=customers.customerNumber
7. Write a SQL query to show customerNumber, customerName of all the customers who are from Melbourne city.  
SELECT customerNumber, customerName  
FROM customers  
WHERE city='Melborne City';
8. Write a SQL query to show name of all the customers whose name start with "N".  
SELECT customername  
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 phone LIKE '7_' AND city='LasVegas'
```
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 customers
WHERE creditLimit<1000 AND city IN ("Las Vegas "," Nantes"," Stavern")
```
11. Write a SQL query to show all the orderNumber in which quantity ordered <10.
- ```
SELECT orderNumber
FROM orderdetails
WHERE quantityordered<10
```
12. Write a SQL query to show all the orderNumber whose customer Name start with letter 'N'.
- ```
SELECT ordernumber
FROM orders
WHERE customername LIKE 'N%'
INNER JOIN customer
ON orders.customerNumber = customer.customerNumber
```
13. Write a SQL query to show all the customerName whose orders are "Disputed" in status.
- ```
SELECT customerName
FROM customers
WHERE status='Distrupted'
INNER JOIN orders
ON customers.customerNumber = orders.customerNumber
```
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 customerName
FROM customers
WHERE checkNumber LIKE 'H%' AND paymentDate='2004-10-19'
INNER JOIN payments
ON customers.customerNumber = payments.customerNumber;
```
15. Write a SQL query to show all the checkNumber whose amount > 1000
- ```
SELECT checkNumber
FROM payments
Where amount>1000;
```