

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 (quantityinstock) 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=' Melbourne  
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  
='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".

```
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 1000.

```
SELECT checkNumber FROM payments WHERE amount > 1000
```

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 customers 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='Disputed' 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;`