

## WORKSHEET 4 SQL

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

```
SELECT AVG(orderNumber)
FROM orders
GROUP BY shippedDate
```

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

```
SELECT AVG(orderNumber)
FROM orders
GROUP BY orderDate
```

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

```
SELECT MIN(MSRP) AS minimum MSRP FROM Products;
```

4. Write a SQL query to show the product name with maximum value of stock Quantity.

```
SELECT MAX(quantityInStock) AS Maximum Stock FROM Products;
```

5. Write a query to show the most ordered product Name (the product with maximum number of orders).

```
SELECT p[roducts.productName, orderdetails.MAX(quantityOrdered)
FROM orderdetails
INNER JOIN orderdetails ON products.productCode =
orderdetails.productCode
```

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

```
SELECT customers.customerName, payments.MAX(amount)
FROM payments
INNER JOIN customers ON payments.customerNumber =
customer.customerNumber
```

7. Write a SQL query to show customer Number, customer Name of all the customers who are from Melbourne city.

```
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".

```
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 'N%'
AND city='Las Vegas'
```

10. Write a SQL query to show name of all the customers whose credit Limit < 1000 and city is either "Las Vegas" or "Nantes" or "Stavern".

```
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 order Number in which quantity ordered <10.

```
SELECT orderNumber FROM [orderdetails]
WHERE quantityOrdered < 10
```

12. Write a SQL query to show all the order Number whose customer Name start with letter 'N'.

```
SELECT orders.orderNumber,
FROM customers
INNER JOIN customers ON orders.customerNumber =
customer.customerNumber
AND customer.customerNumber like 'N%'
```

13. Write a SQL query to show all the customer Name whose orders are "Disputed" in status.

```
SELECT customers.customerName,
FROM customers
```

```
INNER JOIN customers ON orders.customerNumber =  
customer.customerNumber  
AND orders.customerNumber = "Disputed"
```

14. Write a SQL query to show the customer Name who made payment through cheque with check Number starting with H and made payment on "2004-10-19".

```
SELECT customers.customerName,  
FROM customers  
INNER JOIN customers ON payments.customerNumber =  
customer.customerNumber  
AND payments.checkNumber like 'H%'  
AND payments.paymentDate = '2004-10-19'
```

15. Write a SQL query to show all the check Number whose amount > 1000.

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