

SQL Worksheet-4

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

```
SELECT AVG (quantityOrdered) FROM orderdetail
```

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

```
SELECT orderDate,AVG (quantityOrdered) FROM orderdetails,orders.
```

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

```
SELECT product name FROM products WHERE MIN(MSRP)
```

Q4) Write a SQL query to show the product name with maximum value of stockQuantity

```
SELECT product name FROM products WHERE MAX(stock Quantity)
```

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

```
SELECT product name FROM products,orderdetails WHERE MAX(quantityordered)
```

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

```
SELECT customerName FROM customer,payments WHERE MAX(amount)
```

Q7) Write a SQL query to show customerNumber, customerName of all the customers who are from Melbourne city.

```
SELECT cutomerNumber, customerName FROM customer WHERE city==' Melbourne city'
```

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

```
SELECT customerName FROM customer 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'.

```
SELECT customerName FROM customer 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".

```
SELECT customername FROM customers WHERE creditLimit < 1000 and city=="Las Vegas" or "Nantes" or "Stavern"
```

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

```
SELECT orderNumber FROM orderdetails WHERE quantity ordered <10
```

Q12) 12. Write a SQL query to show all the orderNumber whose customer Name start with letter 'N'.

```
SELECT customername, orderNumber FROM customers, orders WHERE customer Name LIKE 'N%'
```

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

```
SELECT customerName FROM customers,orders WHERE status=="Disputed"
```

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".

```
SELECT customerName, checkNumber FROM customers, payments WHERE checkNumber LIKE 'H%' and paymentDate=="2004-10-19"
```

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

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