1. Write SQL query to create table Customers.

```
 CREATE TABLE `customers` (
`customerNumber` int(11) NOT NULL,
`customerName` varchar(50) NOT NULL,
`contactLastName` varchar(50) NOT NULL,
`contactFirstName` varchar(50) NOT NULL,
`phone` varchar(50) NOT NULL,
`addressLine1` varchar(50) NOT NULL,
`addressLine2` varchar(50) DEFAULT NULL,
`city` varchar(50) NOT NULL,
`state` varchar(50) DEFAULT NULL,
`postalCode` varchar(15) DEFAULT NULL,
`country` varchar(50) NOT NULL,
`salesRepEmployeeNumber` int(11) DEFAULT NULL,
`creditLimit` decimal(10,2) DEFAULT NULL
);
```

2. Write SQL query to create table Orders.

```
 CREATE table `orders` (
`orderNumber` int(11) NOT NULL,
`orderDate` date NOT NULL,
`requiredDate` date NOT NULL,
`shippedDate` date DEFAULT NULL,
`status` varchar(15) NOT NULL,
`comments` text,
`customerNumber` int(11) NOT NULL
);
```

3. Write SQL query to show all the columns data from the Orders Table.

```
SELECT * FROM Orders;
```

4. Write SQL query to show all the comments from the Orders Table.

```
SELECT comments FROM Orders;
```

5. Write a SQL query to show orderDate and Total number of orders placed on that date, from Orders table.

```
SELECT orderDate, count(orderDate) FROM `orders` GROUP by orderDate;
```

6. Write a SQL query to show employeNumber, lastName, firstName of all the employees from employees table.

```
SELECT employeNumber, lastName, firstName FROM employees;
```

7. Write a SQL query to show all orderNumber, customerName of the person who placed the respective order.

```
SELECT Orders.orderNumber,Customers.customerName FROM Orders INNER JOIN Customers ON Orders.customerNumber=Customers.customerNumber;
```

8. Write a SQL query to show name of all the customers in one column and salerepemployee name in another column.

```
SELECT customerName,salesRepEmployeeNumber FROM customers;
```

9. Write a SQL query to show Date in one column and total payment amount of the payments
made on that date from the payments table.

```
SELECT paymentDate, sum(amount) FROM `payments` GROUP by paymentDate;
```

10. Write a SQL query to show all the products productName, MSRP, productDescription from the products table.

```
SELECT productName, MSRP, productDescription FROM products;
```

11. Write a SQL query to print the productName, productDescription of the most ordered product.

```
SELECT productName, productDescription From products LEFT JOIN orderdetails WHERE products.productCode=orderdetails.productCode
group by orderdetails.productCode having count(orderdetails.productCode) order by count(orderdetails.productCode) DESC ;
```

12. Write a SQL query to print the city name where maximum number of orders were placed.

```
SELECT city FROM customers
GROUP by city having COUNT(city) order BY COUNT(city) DESC;
```

13. Write a SQL query to get the name of the state having maximum number of customers.

```
SELECT state FROM customers GROUP by state having COUNT(state) order BY COUNT(state) DESC;
```

14. Write a SQL query to print the employee number in one column and Full name of the employee in the second column for all the employees.

```
SELECT employeeNumber, concat(firstName,lastName) FROM employees;
```

15. Write a SQL query to print the orderNumber, customer Name and total amount paid
by the customer for that order (quantityOrdered × priceEach).

```
select c.customerName ,o.orderNumber, (SELECT (a.quantityOrdered × a.priceEach) from orderdetails AS a INNER JOIN order as b where a.orderNumber=b.orderNumber) as 'amount'
from customers as c INNER JOIN orders as o where c.customerNumber=o.customerNumber group by  o.orderNumber;
```