

Q 01.	Write SQL query to create table Customers.
A 01.	CREATE TABLE customers (customerNumber int, customerName varchar(255), contactLastName varchar(255), contactFirstName varchar(255), phone int, addressLine1 varchar(255), addressLine2 varchar(255), city varchar(255), state varchar(255), postalCode int, country varchar(255), salesRepEmployeeNumber int, creditLimit int)
Q 02.	Write SQL query to create table Orders.
A 02.	CREATE TABLE orders (orderNumber int, orderDate datetime, requiredDate datetime, shippedDate datetime, status varchar(255), comments text, customerNumber int)
Q 03.	Write SQL query to show all the columns data from the Orders Table.
A 03.	SELECT * FROM orders
Q 04.	Write SQL query to show all the comments from the Orders Table.
A 04.	SELECT comments FROM orders
Q 05.	Write a SQL query to show orderDate and Total number of orders placed on that date, from Orders table.
A 05.	SELECT count(orderNumber) as totalOrder, orderDate FROM orders GROUP BY orderDate
Q 06.	Write a SQL query to show employeeNumber, lastName, firstName of all the employees from employees table.
A 06.	SELECT employeeNumber, lastName, firstName from employees
Q 07.	Write a SQL query to show all orderNumber, customerName of the person who placed the respective order.
A 07.	SELECT o.orderNumber, c.customerName FROM orders AS o INNER JOIN customers AS c ON o.customerNumber = c.customerNumber
Q 08.	Write a SQL query to show name of all the customers in one column and salerepemployee name in another column.
A 08.	SELECT c.customerName, CONCAT(e.firstName, ' ', e.lastName) AS salesRepEmployeeName FROM customers AS c INNER JOIN employees AS e ON c.salesRepEmployeeNumber = e.salesRepEmployeeNumber
Q 09.	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.
A 09.	SELECT paymentDate, sum(amount) FROM payments GROUP BY paymentDate
Q 10.	Write a SQL query to show all the products productName, MSRP, productDescription from the products table.
A 10.	SELECT productName, MSRP, productDescription from products
Q 11.	Write a SQL query to print the productName, productDescription of the most ordered product.

A 11.	SELECT productName, productDescription from products WHERE productCode in (SELECT count(productCode) AS orderedTime FROM orderdetails GROUP BY productCode ORDER BY orderedTime DESC LIMIT 10)
Q 12.	Write a SQL query to print the city name where maximum number of orders were placed.
A 12.	SELECT o.orderNumber, c.city FROM orders AS o INNER JOIN customers AS c ON o.customerNumber = c.customerNumber GROUP BY c.city ORDER BY totalOrder DESC LIMIT 10
Q 13.	Write a SQL query to get the name of the state having maximum number of customers.
A 13.	SELECT count(customerNumber) as totalCustomers, state FROM customers GROUP BY state ORDER BY totalCustomers DESC LIMIT 10
Q 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.
A 14.	SELECT employeeNumber, CONCAT(firstName, ' ', lastName) AS fullName FROM employees
Q 15.	Write a SQL query to print the orderNumber, customer Name and total amount paid by the customer for that order (quantityOrdered × priceEach).
A 15.	