**Question 1:** Write SQL query to create table Customers.

**Answer 1:** create table customer(

-> customerNumber int PRIMARY KEY,

-> customerName varchar(25),

-> customerLastName varchar(12),

-> customerFirstName varchar(12),

-> phone int(10),

-> addressLine1 varchar(50),

-> addressLine2 varchar(50),

-> city varchar(50),

-> state varchar(50),

-> postalCode int(10),

-> salesRepEmployeeNumber int,

-> creditLimit int

-> );

**Question 2:** Write SQL query to create table Orders.

**Answer 2:** create table orders(

-> orderNumber int NOT NULL PRIMARY KEY,

-> orderDate date,

-> requiredDate date,

-> shippedDate date,

-> status varchar(255),

-> comments varchar(255),

-> customerNumber int,

-> FOREIGN KEY (customerNumber) REFERENCES customer(customerNumber)

-> );

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

**Answer 3:** select \* from orders;

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

**Answer 4:** select comments from orders;

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

**Answer 5:** select count(orderNumber) as TotalNumberOrder, orderDate from orders;

**Question** **6:** Write a SQL query to show employeeNumber, lastName, firstName of all the employees from employees table.

**Answer 6:** select employeeNumber, lastName, firstName from employee;

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

**Answer 7:** select orderNumber,customerName from customer

-> INNER JOIN orders ON

-> customer.customerNumber =orders.customerNumber;

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

**Answer 8:** select firstName,lastName,customerName from employee

-> LEFT JOIN customer ON employee.employeeNumber=customer.employeeNumber;

**Question** **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.

**Answer 9:** select paymentDate,sum(amount) from payments a

-> group by paymentDate;

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

**Answer 10**: select productName,MSRP,productDescription form products;

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

**Answer 11:** select productName,productDescription from products left join orders on

->products.productCode=orderDetails. productCode

-> GROUP BY products.productName

-> ORDER BY Max(orderDetails.quantityOrdered) DESC;

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

**Answer 12:** select city from customer inner join orders on

-> customer.customerNumber=orders.customerNumber

-> GROUP BY customer.city

-> ORDER BY SUM(orders.orderNumber) DESC;

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

**Answer 13:** select state from customer inner join orders on

-> customer.customerNumber=orders.customerNumber

-> GROUP BY customer.state

-> ORDER BY MAX(orders.orderNumber) DESC;

**Question** 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.

**Answer 14:** select firstName + lastNmae as FullName, emploeeNumber from employees;

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

**Answer 15: Not Sure**