Write SQL query to create table **Customers.**

```
CREATE TABLE Customers(
        customerNumber int NOT NULL,
        customerName varchar(255),
        contactLastName varchar(255),
        contactFirstName varchar(255),
        phone int,
        addressLine1 varchar(255),
        addressLine2 varchar(255),
        city varchar(255),
        state varchar(255),
        postalCode varchar(255),
        country varchar(255),
        salesRepEmployeeNumber varchar(255),
        creditLimit int,
        PRIMARY KEY (customerNumber),
        FOREIGN KEY (salesRepEmployeeNumber) REFERENCES employees(employeeNumber)
        );
```

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

```
CREATE TABLE Orders(
        orderNumber int NOT NULL,
        orderDate DATE,
        requiredDate DATE,
        shippedDate DATE,
        status varchar(255),
        comments varchar(255),
        customerNumber int ,
        PRIMARY KEY (orderNumber),
        FOREIGN KEY (customerNumber) REFERENCES Customers(customerNumber)
        );
```

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 Count(**orderNumber) , orderDate**
From Orders
GROUP BY orderDate;

6. Write a SQL query to show employeNumber, lastName, firstName of all the employees from **employees** table.
Select employeeNumber, lastName, firstName from employee;

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

```
SELECT orders.orderNumber, customer.customerName
FROM orders
LEFT JOIN customers
ON orders.customerNumber = customer.customerNumber;
```

8. Write a SQL query to show name of all the customers in one column and salerepemployee name in another column.
Select customerName , salerepemployee from customers;

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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 Count(amount**) , paymentDate**
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      Count(p.productName) , p.productDescription , o.quantityOrdrered
as quantity
FROM products p
LEFT JOIN  orders o
ON p.productCode = o.productCode
Order By quantity DESC
Group By quantityOrdered ,productDescription
Limit 3
```

12. Write a SQL query to print the city name where maximum number of orders were placed.
SELECT c.city , Count(o.orderNumber)
From customer c

INNER JOIN orders o
Group By city

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

Select Top 1 state Count(customerNumber) as maxCustomer
From customer
Order by maxCustomer

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 firstName+ ‘ ‘ +lastName as Name, employeeNumber
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 from o.ordernumber ,c.customerName,