**Sql3**

1. Write SQL query to create table Customers

Ans-create table customers (customerNumber int,customerName varchar(20), contactLastName varchar(15), contactFirstName varchar(15),phone int(12), addressLine1 varchar(20),addressLine2 varchar(20), city varchar(10),state varchar(10), postalCode int(10), country varchar(10), salesRepEmployeeNumber int, creditLimit float);

1. Write SQL query to create table Orders

Ans-create table orders (orderNumber int,orderDate date, requiredDate datetime, shippedDate datetime,status varchar(20), comments varchar(20),customerNumber int);

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

Ans-select \* from orders;

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

Ans-select comments from orders;

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

Ans-select date(orderDate),count(distinct orderNumber) as total\_orders from orders;

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

Ans-select employeeNumber,firstName,lastName from employees;

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

Ans-Select orderNumber, customerName from order;

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

Ans-select customerName,saleRepEmployeeNumber 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.

Ans-select date(paymentDate), amount from Payments;

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

Ans- select productName,MSRP,productDescription from products;

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

Ans-Select productName, productDescription, Count(productName) from order group by productName Order By Count(productName) Desc Limit 1 ;

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

Ans-select city,count(distinct quantityOrdered) from customers,orderdetails groupby city orderby 2 desc;

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

Ans-select state,count(distinct customerNumber) from customers groupby state orderby desc limit 1;

1. 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

Ans-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).

Ans- select customerName,orderNumber, multiply(quantityOrdered,priceEach) as total\_amounts\_paid from customers,orderDetails;