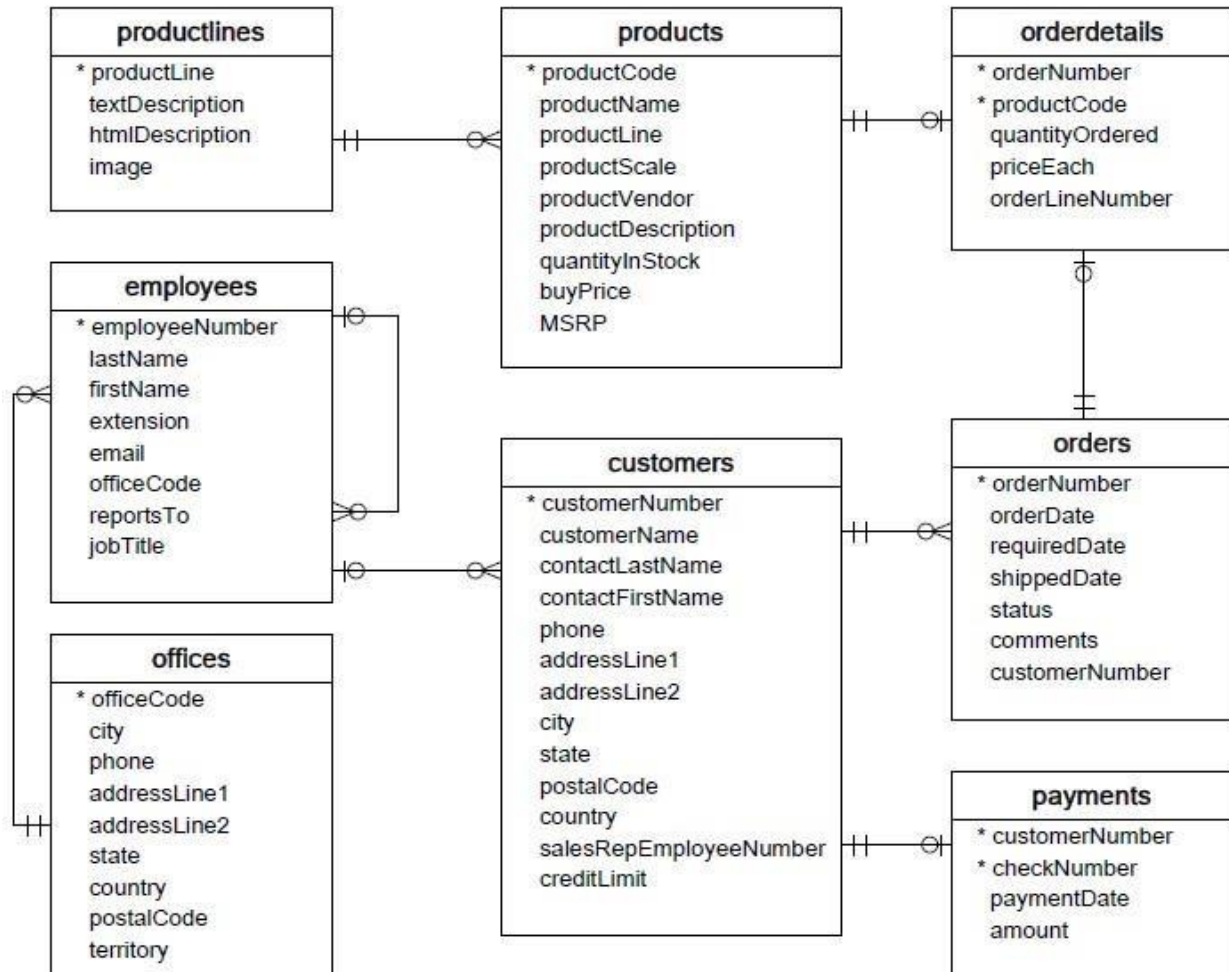


WORKSHEET 3 SQL



1. Write SQL query to create table Customer

Ans)

```
CREATE TABLE Customer (  
    customerNumber int,  
    customerName varchar(200),  
    ContactlastName varchar(200),  
    ContactFirstName varchar(200),  
    Phone int,  
    addressLine1 varchar(200),  
    addressLine2 varchar(200),  
    city varchar(50),  
    state varchar(50),  
    postalCode int,  
    country int ,  
    salesRepEmployeesNumber int ,  
    creditLimit int);
```

2. Write SQL query to create table Orders.

```
Create a table Orders(  
    orderNumber int,  
    orderDtae DATE,  
    requiredDate DATE,  
    shippedDate DATE,  
    status varchar(50),  
    comments varchar(200),  
    customerNumber int);
```

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 OrdersTable.

```
Select comments from Orders;
```

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

```
Select orderDate ,count(orderNumber) AS Total_number from Orders ;
```

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

```
Select employeeNumber, lastName, firstName from employees;
```

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

```
Select O.orderNumber, C.customerName from orders AS O JOIN customers AS C
ON O.cutomerNumber=C.customerNumber ;
```

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

```
Select C.customerName,(E.firstName+' '+E.lastName)as salerepemployee_Name from customers AS C
LEFT JOIN employees AS E ON C.salesRepEmployeeNumber=E.employeeNumber ;
```

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 groupby 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 group by count(productName ) As ordersno
orderby ordersno Desc limit 1;
```

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

```
Select C.city, count(O.orderNumber) from customers As C join orders As O ON
C.customerNumber=O.cutomerNumber orderby count(O.orderNumber) DESC limit 1
```

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

```
Select max(customerNumber) from customers groupby (state) limit 1;
```

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 ,(firstName+' '+lastName)as fullName 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 od.orderNumber ,C.customerName , (od.quantityOrdered*od.priceEach) As total_amount from
Orderdetails AS od join orders AS o ON od.orderNumber=o.orderNumber
join customers AS C ON o.customerNumber=C.customerNumber;
```

