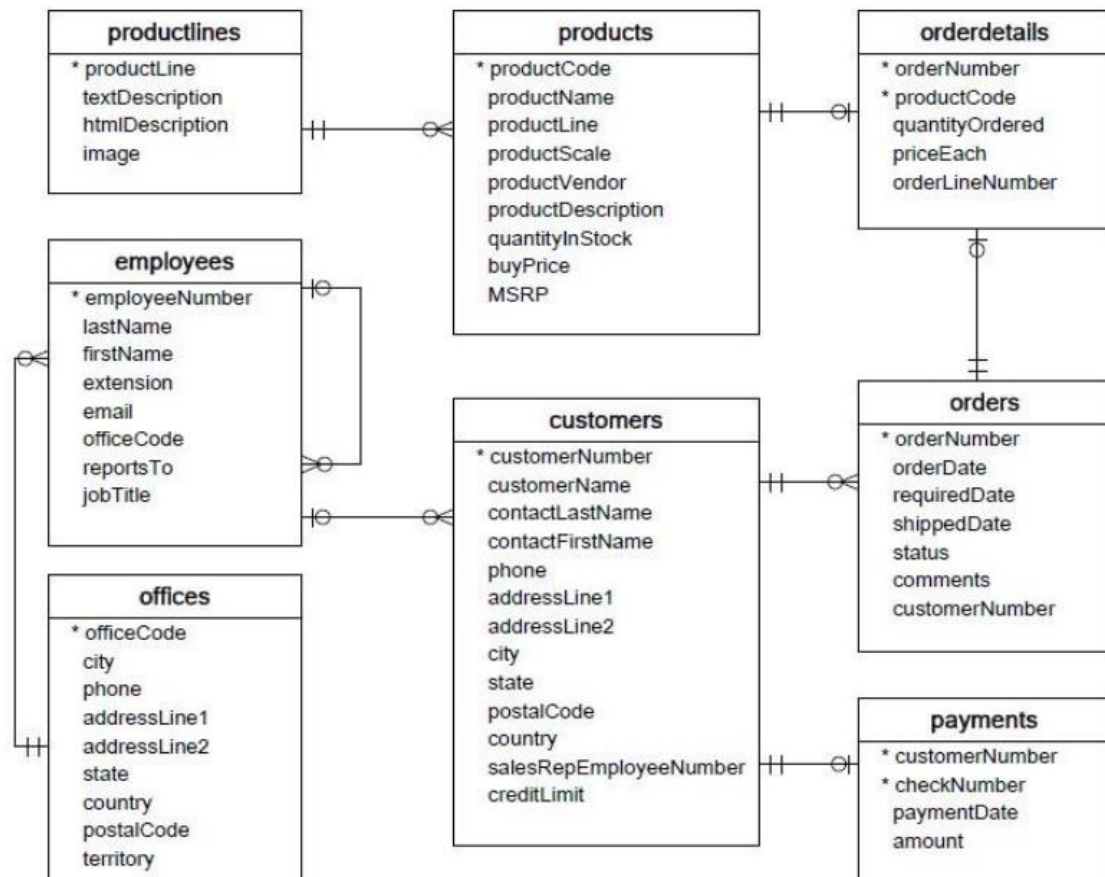# SQL WORKSHEET 3

Refer the following ERD and answer all the questions in this worksheet. You have to write the queries using mysql for the required Operation.

- **Customers**: stores customer's data.
- **Products**: stores a list of scale model cars.
- **ProductLines** : stores a list of product line categories.
- **Orders**: stores sales orders placed by customers.
- **OrderDetails**: stores sales order line items for each sales order.
- **Payments**: stores payments made by customers based on their accounts.
- **Employees**: stores all employee information as well as the organization structure such as who reports to whom.
- **Offices**: stores sales office data

1. Write SQL query to create table Customers.
   - CREATE TABLE Customers (CustomerNumber int(10), CustomerName varchar(20), contactLastName varchar(20), contactFirstName varchar(20), phone int(10), addressLine1 varchar(255), addressLine2 varchar(255), City varchar(20), state varchar(20), PostalCode int(10), Country varchar(20), SalesRepEmployeeNumber int(20), CreditLimit int(20));

2. Write SQL query to create table Orders.
   - CREATE TABLE Orders (OrderNumber int(30), OrderDate curdate(), RequiredData curdate(), ShippedDate curdate(), Status varchar(150), comments varchar(255), CustomerNumber int(10));

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 * FROM Orders ORDER BY comments;

5. Write a SQL query to show orderDate and Total number of orders placed on that date, from Orderstable
   - SELECT orderDate , orderNumber FROM Orders;

6. Write a SQL query to show employeNumber, lastName, firstName of all the employees from employees table.
   - SELECT * FROM employeNumber, lastName, firstName FROM TABLE employees;

7. Write a SQL query to show all orderNumber, customerName of the person who placed the respective order.
   - SELECT * FROM orderNumber, customerName WHERE customerName =' ', FROM TABLE orders, customers;

8. Write a SQL query to show name of all the customers in one column and salerepemployee name in another column
   - SELECT * FROM customerName, salerepemployee FROM TABLE customers;