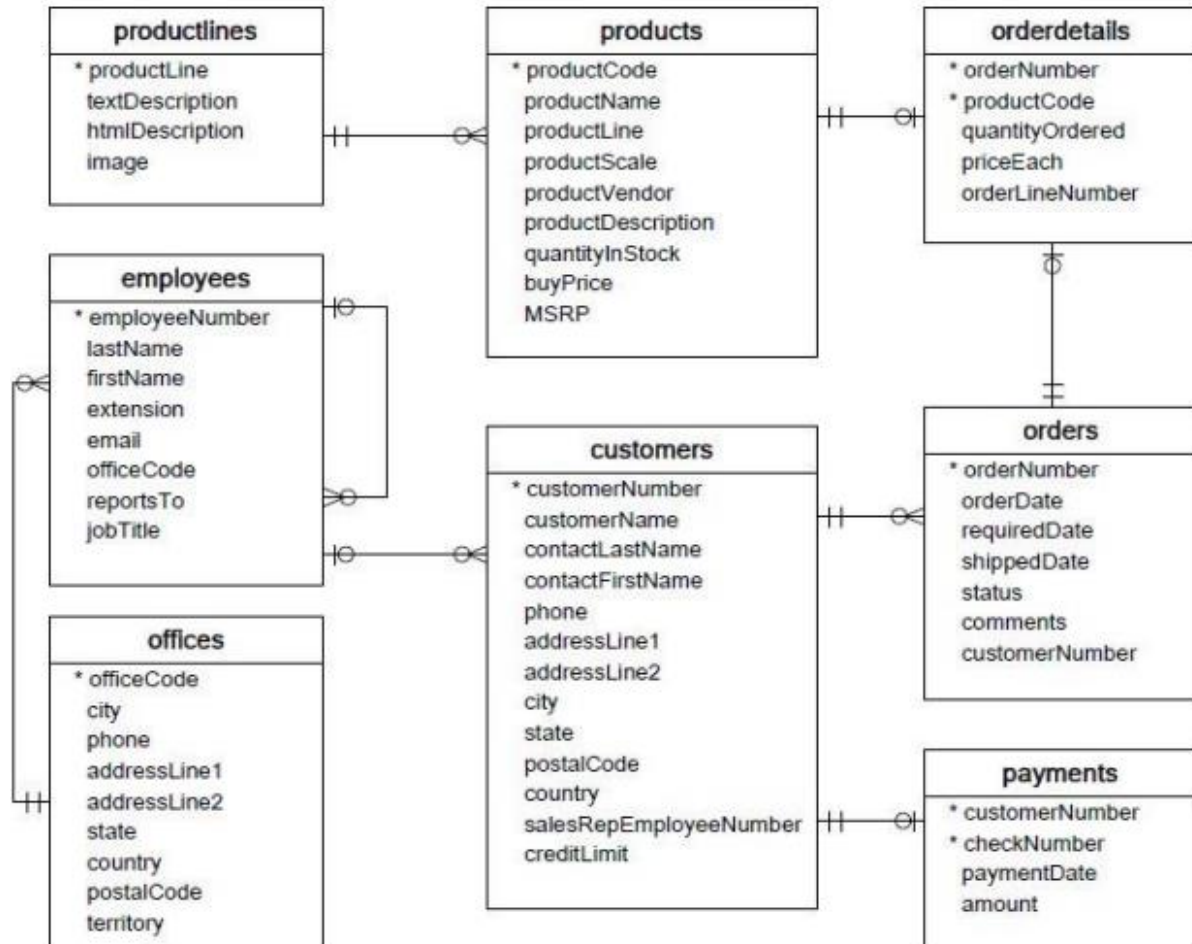


## WORKSHEET 3 SQL

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.
- ☐ Product Lines: stores a list of product line categories.
- ☐ Orders: stores sales orders placed by customers.
- ☐ Order Details: 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.

2. Write SQL query to create table Orders.
3. Write SQL query to show all the columns data from the Orders Table.
4. Write SQL query to show all the comments from the Orders Table.
5. Write a SQL query to show order Date and Total number of orders placed on that date, from Orders table.
6. Write a SQL query to show employee Number, last Name, first Name of all the employees from employees table.
7. Write a SQL query to show all order Number, customer Name of the person who placed the respective order.
8. Write a SQL query to show name of all the customers in one column and salary employee name in another column.
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.
10. Write a SQL query to show all the products product Name, MSRP, product Description from the products table.
11. Write a SQL query to print the product Name, product Description of the most ordered product.
12. Write a SQL query to print the city name where maximum number of orders were placed.
13. Write a SQL query to get the name of the state having maximum number of customers.
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.
15. Write a SQL query to print the order Number, customer Name and total amount paid by the customer for that order (quantity Ordered  $\times$  price Each).