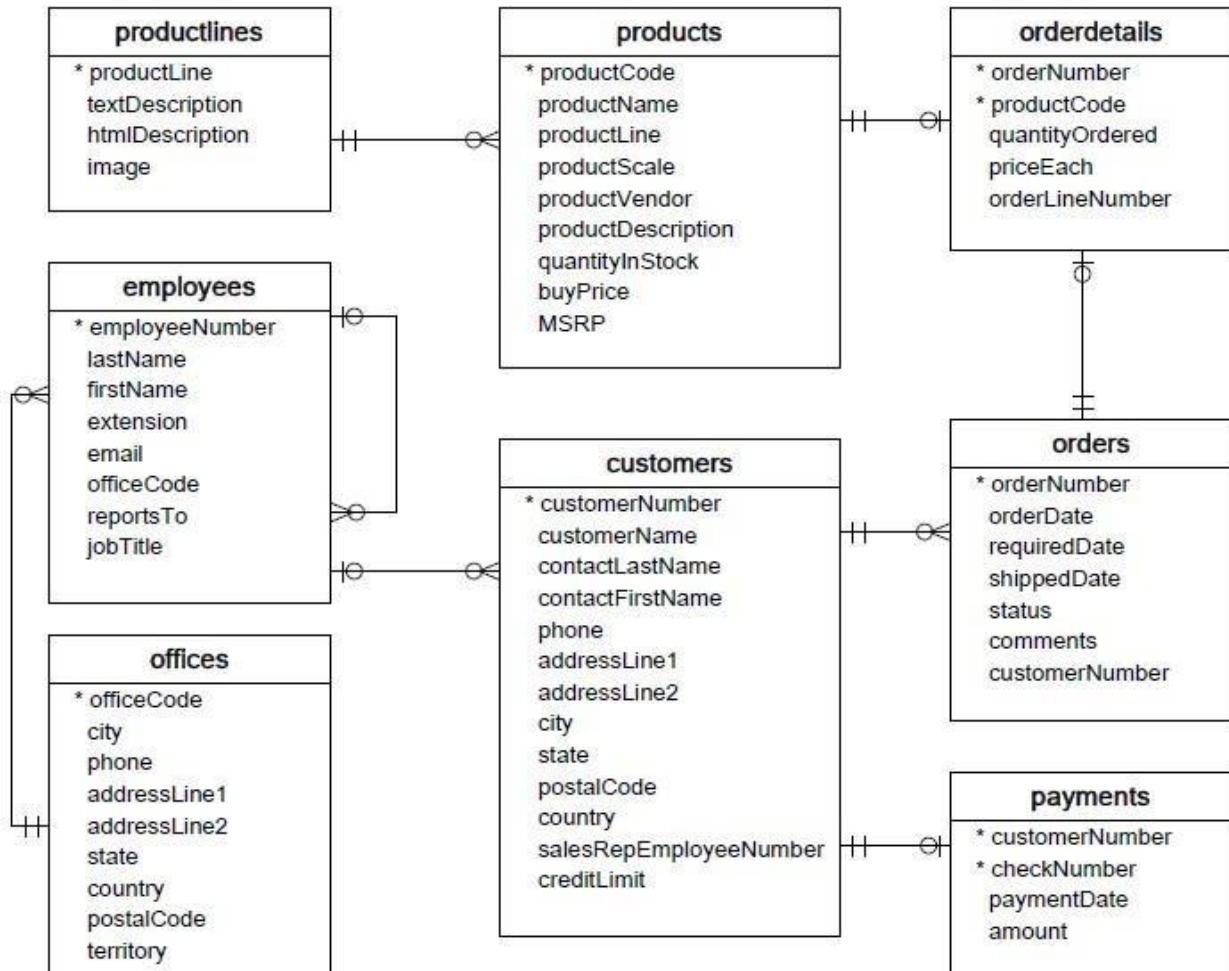


## WORKSHEET 3 SQL

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.
- **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(255),
    CustomerLastName(255),
    CustomerFirstName(255),
    phone int(255),
    addressLine1(255),
    addressLine2(255),
    city(255),
    state(255),
    salesRepEmployeeNumber int(255),

```

```
creditLimit int(255),  
);
```

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

```
CREATE TABLE Customers (  
    orderNumber int(255),  
    orderDate int(255),  
    requiredDate int(255),  
    shippedNumber int(255),  
    CustomerLastName(255),  
    CustomerFirstName(255),  
    phone int(255),  
    addressLine1(255),  
    addressLine2(255),  
    city(255),  
    state(255),  
    salesRepEmployeeNumber int(255),  
  
    creditLimit int(255),  
);
```

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 orderDate and Total number of orders placed on that date, from **Orders** table.
6. Write a SQL query to show employeeNumber, lastName, firstName of all the employees from **employees** table.
7. Write a SQL query to show all orderNumber, customerName of the person who placed the respective order.
8. Write a SQL query to show name of all the customers in one column and salerepemployee name in another column.



## WORKSHEET

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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.
10. Write a SQL query to show all the products productName, MSRP, productDescription from the **products** table.
11. Write a SQL query to print the productName, productDescription 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 orderNumber, customer Name and total amount paid by the customer for that order (quantityOrdered × priceEach).



**FLIP ROBO**

