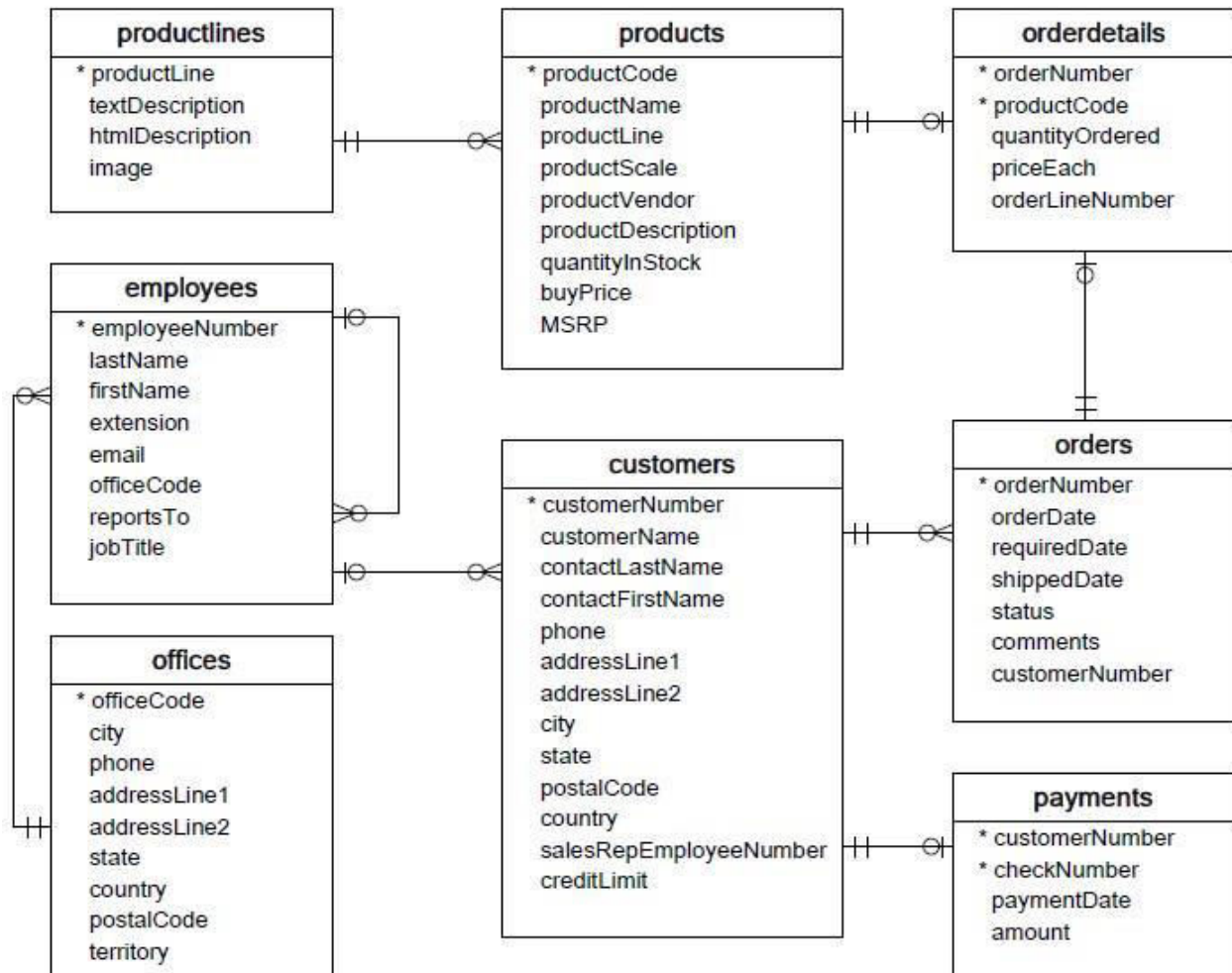


WORKSHEET 3 SQL

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 primary key,customerName text,contactLastName text,
contactFirstName text,phone int unique,addressLine1 text, addressLine2 text,city text,state
text,postalcode int ,country text,salesrepemployeenumber int,creditLimit int)
```

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

```
create table Orders(OrderNumber primary key,orderDate,requiredDate,Shippeddate,status
text,comments text,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 **Orders** Table.

```
select comments from Orders
```

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

```
SELECT orderDate, SUM(orderNumber)
FROM orders
GROUP BY orderDate
```

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

```
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 Custome.customerName, Orders.orderNumber
FROM Customer
INNER JOIN Orders ON Custome.customerNumber= Orders. customerNumber
```

