Problem-1

1. Create Customer table with the columns customer\_id, first\_name and last\_name. Create another table 'Order' with the columns order\_id,order\_date, total\_amount and customer\_id that is referred from customer\_id of the Customer table.

2. Perform inner join to select first\_name, last\_name, order\_date, total\_amount.

3. Create table Department with the columns department\_id and department\_name. Create another table Employee with the columns employee\_id, first\_name, last\_name and department\_id that is referred from department\_id of the Department table.

4.Perform left join to select department\_name, first\_name and last\_name.

**1.**

**Customer Table:**

create table Customer(

customer\_id int primary key,

first\_name varchar(20),

Last\_name varchar(30));

**Order Table:**

create table Order(order\_id int primary key,

order\_date date,Total\_amount int,

customer\_id int,

foreign key(customer\_id) references Customer(customer\_id));

**2. Inner Join:**

SELECT customers.first\_name, customers.last\_name, orders.order\_date, orders.total\_amount

FROM customers

INNER JOIN orders ON customers.customer\_id = orders.customer\_id;

**3.**

**Department Table:**

create table Department(d

epartment\_id int primary key,

department\_name varchar(30));

**Employees Table:**

Create table Employees(employee\_id int primary key,

first\_name varchar(30),

last\_name varchar(30),

department\_id int,

foreign key(department\_id) references Department(department\_id));

**4. Left join:**

SELECT departments.department\_name, employees.first\_name, employees.last\_name

FROM departments

LEFT JOIN employees ON departments.department\_id = employees.department\_id;