**Program:**

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.

**Code:**

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 customer.first\_name, customer.last\_name, order.order\_date, order.total\_amount

FROM customer

INNER JOIN order ON customer.customer\_id = order.customer\_id;

3.

Department Table:

create table Department(department\_id int primary key,department\_name varchar(30));

Employee Table:

Create table Employee(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 department.department\_name, employee.first\_name, employee.last\_name

FROM department

LEFT JOIN employee ON department.department\_id = employee.department\_id;