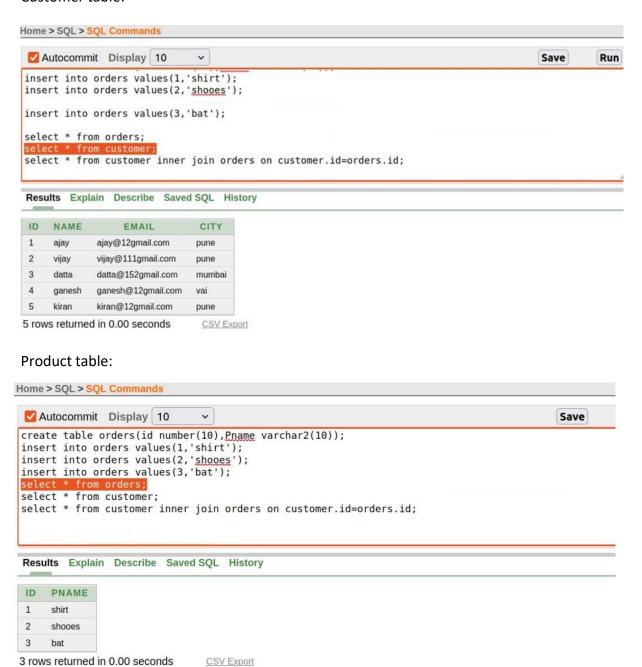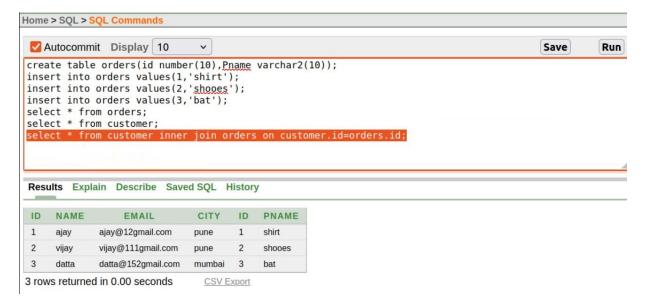# Assignment - 4

Craft a query using an INNER JOIN to combine 'orders' and 'customers' tables for customers in a specified region, and a LEFT JOIN to display all customers including those without orders.

Solution:

Customer table:

Autocommit   Display   10   ∨   Save   Run

```
insert into orders values(1,'shirt');
insert into orders values(2,'shooes');

insert into orders values(3,'bat');

select * from orders;
select * from customer;
select * from customer inner join orders on customer.id=orders.id;
```

Results   Explain   Describe   Saved SQL   History

ID	NAME	EMAIL	CITY
1	ajay	ajay@12gmail.com	pune
2	vijay	vijay@111gmail.com	pune
3	datta	datta@152gmail.com	mumbai
4	ganesh	ganesh@12gmail.com	vai
5	kiran	kiran@12gmail.com	pune

5 rows returned in 0.00 seconds   CSV Export

Product table:

Autocommit   Display   10   ∨   Save

```
create table orders(id number(10),Pname varchar2(10));
insert into orders values(1,'shirt');
insert into orders values(2,'shooes');
insert into orders values(3,'bat');
select * from orders;
select * from customer;
select * from customer inner join orders on customer.id=orders.id;
```

Results   Explain   Describe   Saved SQL   History

ID	PNAME
1	shirt
2	shooes
3	bat

3 rows returned in 0.00 seconds   CSV Export

Query to perform inner join:

☑ Autocommit Display 10 ▽   Save   Run

```
create table orders(id number(10),Pname varchar2(10));
insert into orders values(1,'shirt');
insert into orders values(2,'shooes');
insert into orders values(3,'bat');
select * from orders;
select * from customer;
select * from customer inner join orders on customer.id=orders.id;
```

Results Explain Describe Saved SQL History

ID	NAME	EMAIL	CITY	ID	PNAME
1	ajay	ajay@12gmail.com	pune	1	shirt
2	vijay	vijay@111gmail.com	pune	2	shooes
3	datta	datta@152gmail.com	mumbai	3	bat

3 rows returned in 0.00 seconds   CSV Export

After using left join display all customers including those without orders:

☑ Autocommit Display 10   ▽   Save   Run

```
insert into orders values(1,'shirt');
insert into orders values(2,'shooes');
insert into orders values(3,'bat');
select * from orders;
select * from customer;
select * from customer inner join orders on customer.id=orders.id;

select * from customer left join orders on customer.id=orders.id;
```

Results Explain Describe Saved SQL History

ID	NAME	EMAIL	CITY	ID	PNAME
1	ajay	ajay@12gmail.com	pune	1	shirt
2	vijay	vijay@111gmail.com	pune	2	shooes
3	datta	datta@152gmail.com	mumbai	3	bat
5	kiran	kiran@12gmail.com	pune	-	-
4	ganesh	ganesh@12gmail.com	vai	-	-

5 rows returned in 0.00 seconds   CSV Export