Assignment 5: 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.

SQL Command:

```
create table customer(
id number(10) primary key,
name varchar2(20),
email_address varchar2(20),
location varchar2(20)
);

insert into customer values(6, 'zz', 'zz@gmail.com', 'KL');

create table p_order(
order_id number(10) primary key,
customer_id  number(10), amount
number(20),
constraint po2 foreign key(customer_id) references customer(id) on delete set null
);


insert into p_order values(5,5,0);

select * from p_order;

select * from p_order
inner join
customer
on p_order.customer_id=customer.id;

select o.order_id,o.customer_id,c.id customer_id,c.name,c.locationfrom
p_order o
inner join
customer c
on o.customer_id=c.id
where c.location='TN';

select o.order_id,o.customer_id,o.amount,c.id customer_id,c.name,c.locationfrom
p_order o
left outer join
customer c
on o.customer_id=c.id;

select * from customer;
```

Autocommit Display 10 ▾   Save   Run

```
customer
on p_order.customer_id=customer.id;

select o.order_id,o.customer_id,c.id customer_id,c.name,c.location
from p_order o
inner join
customer c
on o.customer_id=c.id
where c.location='TN';

select o.order_id,o.customer_id,o.amount,c.id customer_id,c.name,c.location
from p_order o
left outer join
customer c
on o.customer_id=c.id;
```

Results Explain Describe Saved SQL History

ORDER_ID	CUSTOMER_ID	CUSTOMER_ID	NAME	LOCATION
1	2	2	bb	TN

1 rows returned in 0.00 seconds   CSV Export

Autocommit Display 10 ▾   Save   Run

```
customer
on p_order.customer_id=customer.id;

select o.order_id,o.customer_id,c.id customer_id,c.name,c.location
from p_order o
inner join
customer c
on o.customer_id=c.id
where c.location='TN';

select o.order_id,o.customer_id,o.amount,c.id customer_id,c.name,c.location
from p_order o
left outer join
customer c
on o.customer_id=c.id;
```

Results Explain Describe Saved SQL History

ORDER_ID	CUSTOMER_ID	AMOUNT	CUSTOMER_ID	NAME	LOCATION
5	5	0	5	ee	KA
4	1	2500	1	aa	KA
3	1	1500	1	aa	KA
1	2	2000	2	bb	TN
2	4	2500	4	dd	KL

5 rows returned in 0.01 seconds   CSV Export