Assignment – 5

Assignment-2: 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.

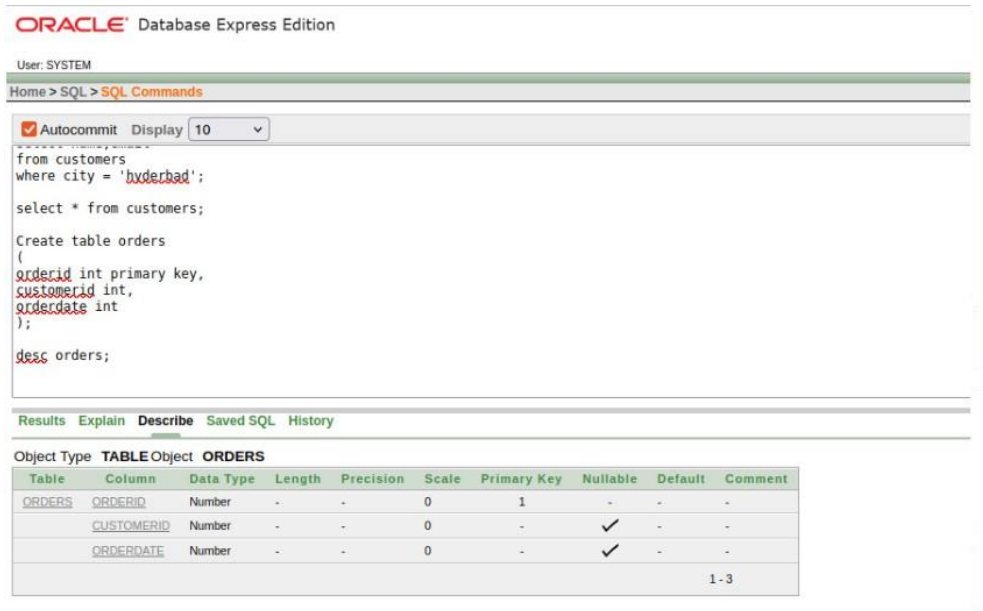
In this query:

- We use a LEFT JOIN to ensure that all customers are included, regardless of whether they have placed orders or not.
- We specify the condition for the join using customers.customer_id = orders.customer_id, ensuring that the data from both tables is properly aligned based on the customer ID.
- The WHERE clause filters the results to only include customers from the specified region. You would replace 'specified_region' with the actual region you're interested in.

```
SELECT *
FROM customers
LEFT JOIN orders ON customers.customer_id = orders.customer_id
WHERE customers.region = 'specified_region';

desc customers;

insert into customers values (1,'sai','saicharan@gmail.com','hyderbad');
insert into customers values (2,'sairi','sai@gmail.com','unitedstates');
insert into customers values (3,'charan','charan@gmail.com','bangloree');

select * from customers;

select name,email from
customers
where city = 'unitedstates';
```

```
select name,email from
customers
where city = 'hyderbad';

select * from customers;
```

```
Create table orders
(
orderid int primary key, customerid
int,
orderdate int
);
desc orders;
```



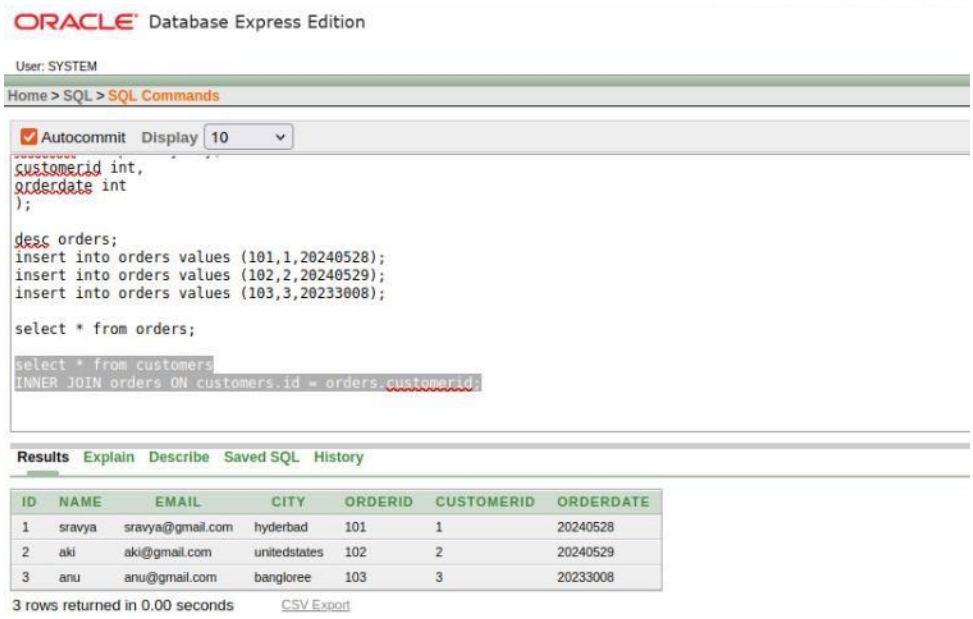

```
insert into orders values (101,1,20240528);
```

insert into orders values (102,2,20240529);

insert into orders values (103,3,20233008);

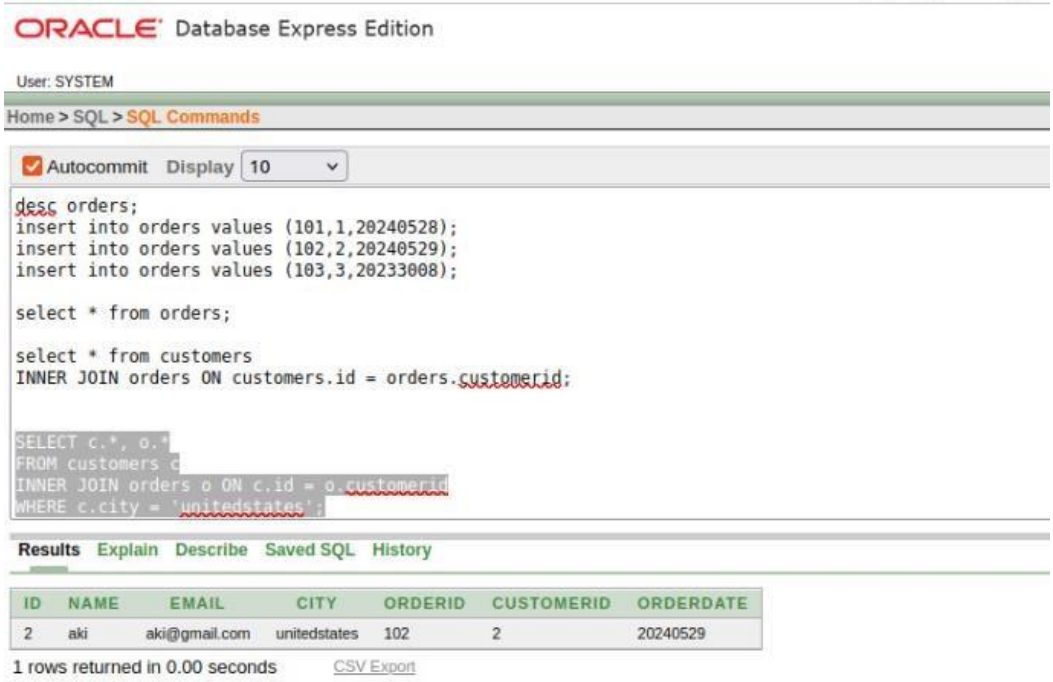
select * from orders;

select * from customers
INNER JOIN orders ON customers.id = orders.customerid;

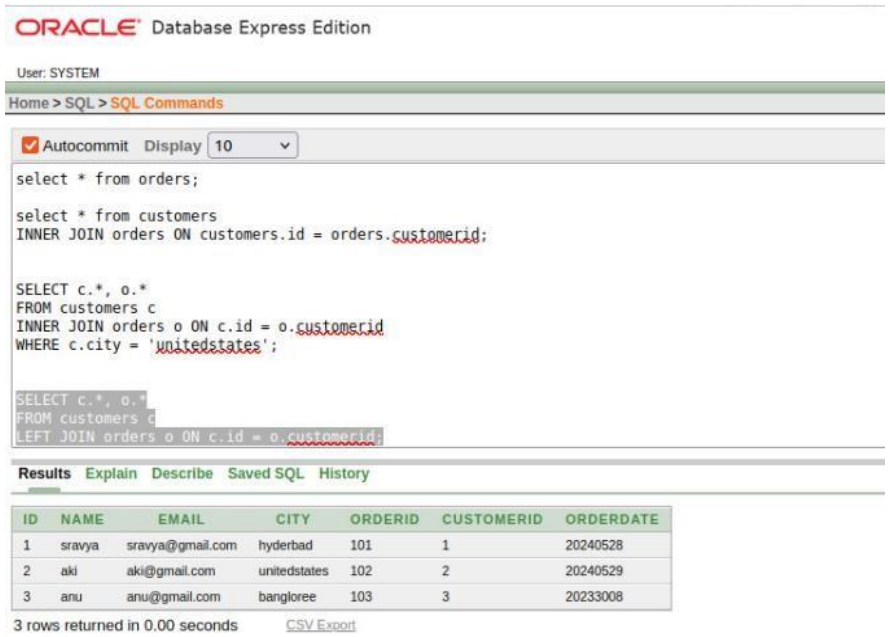


SELECT c., o.
FROM customers c

INNER JOIN orders o ON c.id = o.customerid
WHERE c.city = 'unitedstates';



SELECT c., o.
FROM customers c
LEFT JOIN orders o ON c.id = o.customerid;


ORACLE Database Express Edition
User: SYSTEM
Home > SQL > SQL Commands
Autocommit Display 10
select * from orders;
select * from customers
INNER JOIN orders ON customers.id = orders.customerid;
SELECT c.*, o.*
FROM customers c
INNER JOIN orders o ON c.id = o.customerid
WHERE c.city = 'unitedstates';
SELECT c.*, o.*
FROM customers c
LEFT JOIN orders o ON c.id = o.customerid;
Results Explain Describe Saved SQL History
ID NAME EMAIL CITY ORDERID CUSTOMERID ORDERDATE
1 sravya sravya@gmail.com hyderbad 101 1 20240528
2 aki aki@gmail.com unitedstates 102 2 20240529
3 anu anu@gmail.com bangloree 103 3 20233008
3 rows returned in 0.00 seconds
CSV Export