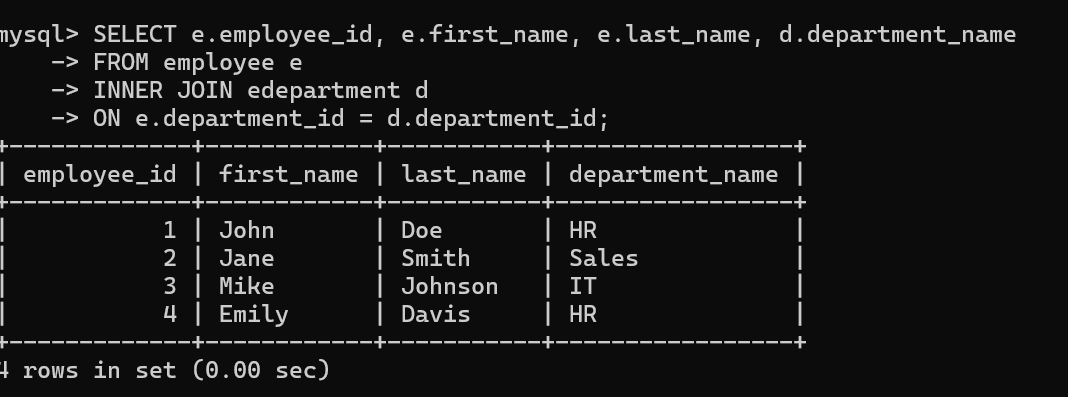
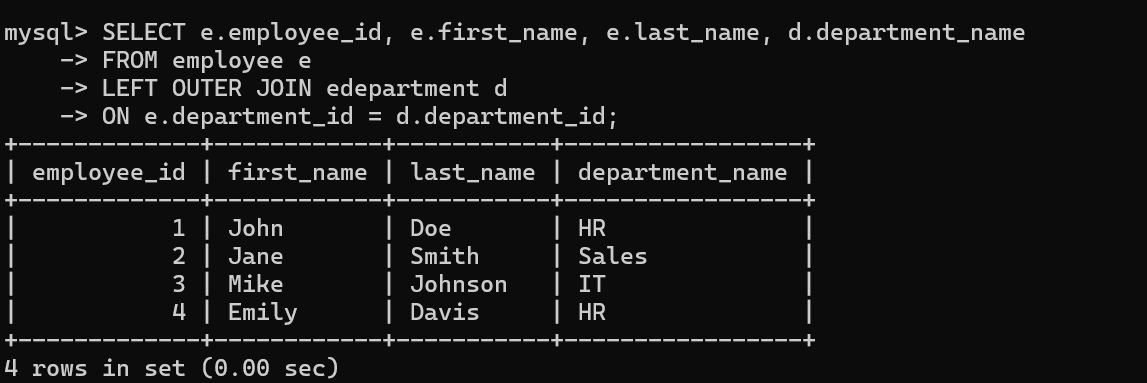
**2)Write a query to give inner join,left outer join,right outer join and full outer join(refer SQL\_Assignments in Presentation folder)  
1) INNER JOIN**

An inner join returns only the rows where there is a match in both tables.



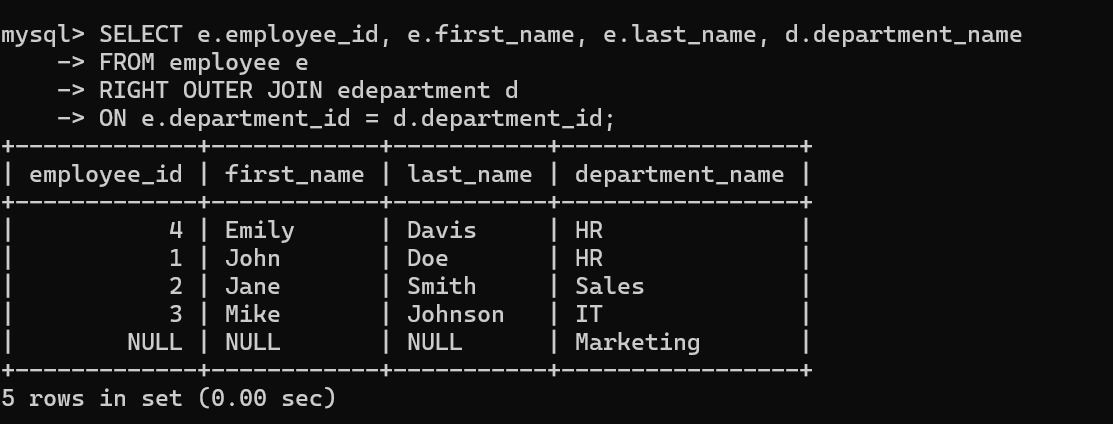
### 2) LEFT OUTER JOIN

A left outer join returns all rows from the left table (employee) and the matched rows from the right table (department). If there is no match, the result is NULL on the side of the right table.



### 3) RIGHT OUTER JOIN

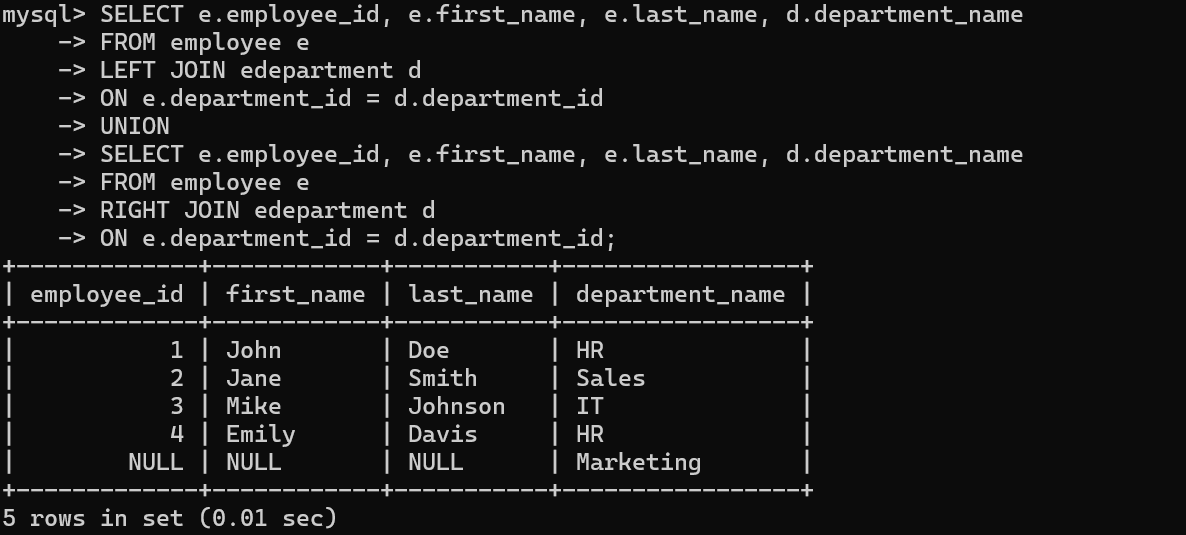
A right outer join returns all rows from the right table (department) and the matched rows from the left table (employee). If there is no match, the result is NULL on the side of the left table.



### 4) FULL OUTER JOIN

A full outer join returns all rows when there is a match in either left (employee) or right (department) table. If there is no match, the result is NULL from the side that does not have a match.

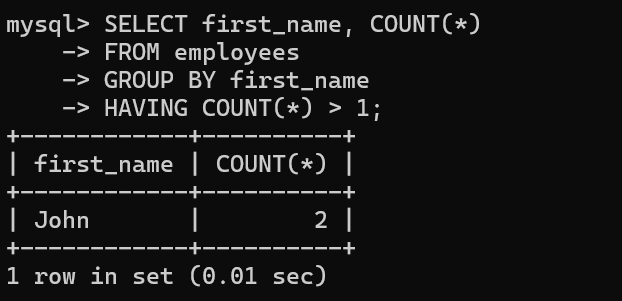
**Note:** Not all SQL databases support FULL OUTER JOIN directly. For databases that do not support it, you can use a UNION of LEFT OUTER JOIN and RIGHT OUTER JOIN to achieve the same result.



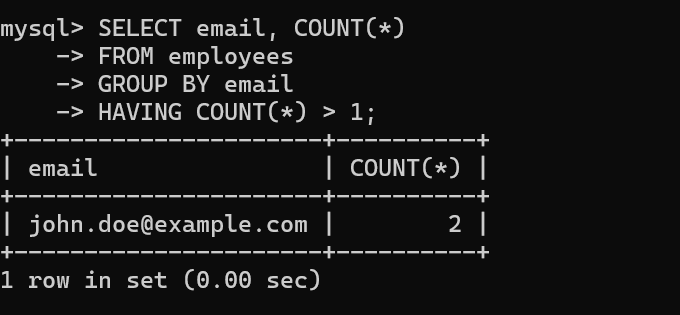
3)Write a query to find duplicate records(refer SQL\_Assignments in Presentation folder)?

### Find Duplicate Records

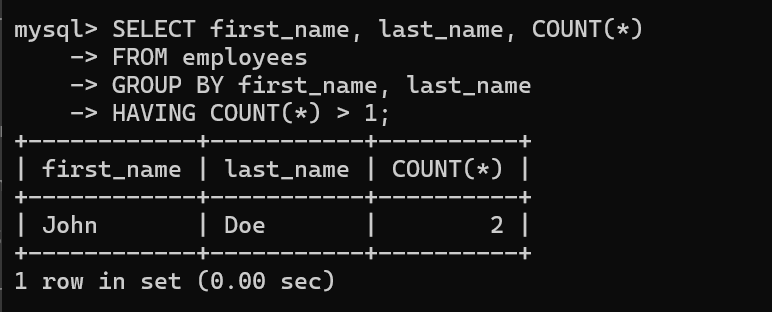
#### Based on first\_name



#### 2) Based on email



#### 3) Based on first\_name and last\_name



#### 4) Based on first\_name and email

