



LeetCode

50 Days 50 SQL Questions
Work In Progress

Day 31/50

***31. Primary
Department for each
Employee***





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Question

Employees can belong to multiple departments. When the employee joins other departments, they need to decide which department is their primary department. Note that when an employee belongs to only one department, their primary column is 'N'.

Write a solution to report all the employees with their primary department. For employees who belong to one department, report their only department.

Return the result table in **any order**.





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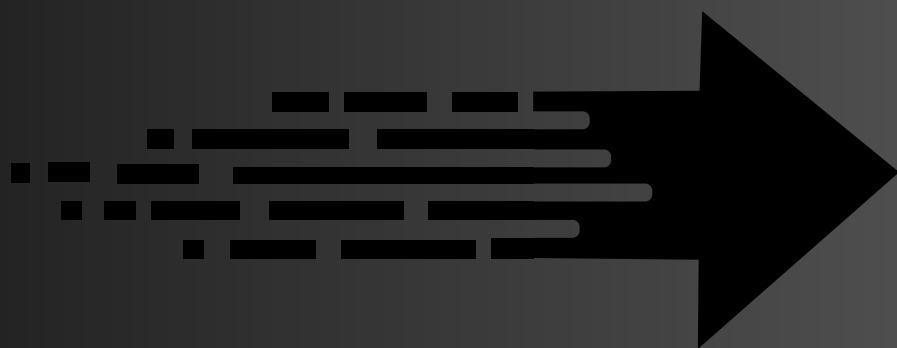
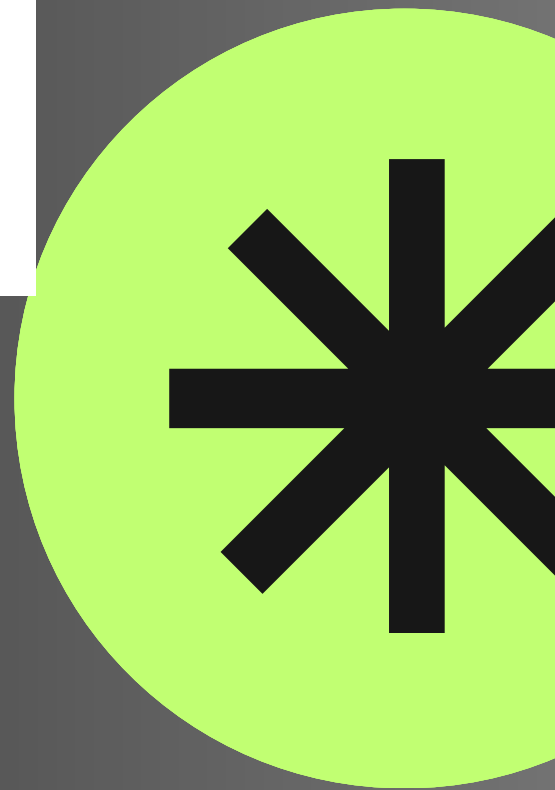
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Table

Input:

Employee table:

employee_id	department_id	primary_flag
1	1	N
2	1	Y
2	2	N
3	3	N
4	2	N
4	3	Y
4	4	N





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Approach

Used UNION to first select those emp_id,dept_id where primary_flag is “Y” and then selected those who belongs to only 1 dept. by using Group by and having clause.





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Query

MySQL   Auto

```
1  # Write your MySQL query statement below
2  SELECT
3      employee_id, department_id
4  FROM employee
5  WHERE primary_flag = "Y"
6  UNION
7  SELECT
8      employee_id, department_id
9  FROM employee
10 GROUP BY employee_id
11 HAVING COUNT(department_id) = 1;
```





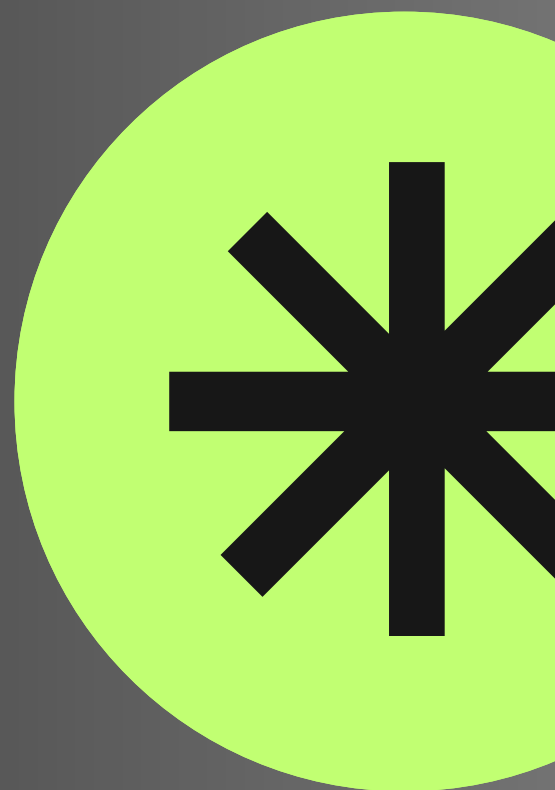
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Output

Output:

employee_id	department_id
1	1
2	1
3	3
4	3





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Thank You :)

