

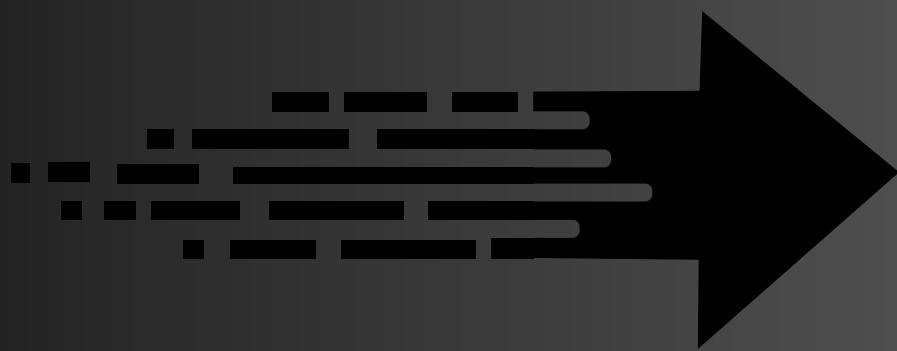


# LeetCode

*50 Days 50 SQL Questions*  
*Work In Progress*

**Day 23/50**

***23. Number of Unique  
Subjects Taught by  
Teacher***





# *50 Days 50 SQL Questions*

## *Work In Progress*

# *Question*

Write a solution to calculate the number of unique subjects each teacher teaches in the university.

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





# 50 Days 50 SQL Questions

## Work In Progress

# Table

Input:

Teacher table:

teacher_id	subject_id	dept_id
1	2	3
1	2	4
1	3	3
2	1	1
2	2	1
2	3	1
2	4	1





# *50 Days 50 SQL Questions*

## *Work In Progress*

# *Approach*

Used aggregate func COUNT along with DISTINCT to get num of unique subjects taught by teacher and Group the result by teacher\_id.





# *50 Days 50 SQL Questions*

## *Work In Progress*

# Query

MySQL   Auto

```
1  # Write your MySQL query statement below
2  SELECT
3  teacher_id, COUNT(DISTINCT subject_id) AS cnt
4  FROM teacher
5  GROUP BY teacher_id;
```





# *50 Days 50 SQL Questions*

## *Work In Progress*

# *Output*

**Output:**

+-----+-----+	
teacher_id   cnt	
+-----+-----+	
1	2
2	4
+-----+-----+	





# *50 Days 50 SQL Questions*

## *Work In Progress*

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thoughts in the  
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*Thank You :)*

