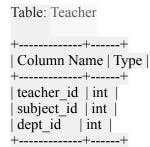
Easy



(subject_id, dept_id) is the primary key (combinations of columns with unique values) of this table. Each row in this table indicates that the teacher with teacher_id teaches the subject subject_id in the department dept_id.

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

Return the result table in any order.

The result format is shown in the following example.

Example 1:

Input:

Teacher table:

+	+		-++
teacher id subject id dept id			
+	+		-++
1	2	3	
1	2	4	ĺ
1	3	3	ĺ
2	1	1	ĺ
2	2	1	j
2	3	1	j
2	4	1	j
+	+_		.++

Output:

Explanation:

Teacher 1:

- They teach subject 2 in departments 3 and 4.
- They teach subject 3 in department 3.

Teacher 2:

- They teach subject 1 in department 1.
- They teach subject 2 in department 1.
- They teach subject 3 in department 1.
- They teach subject 4 in department 1.

Write your MySQL query statement below SELECT teacher_id, COUNT(DISTINCT(subject_id)) as cnt

FROM Teacher GROUP BY teacher_id;