

### 2356. Number of Unique Subjects Taught by Each Teacher

Table: Teacher

Column Name	Type
teacher_id	int
subject_id	int
dept_id	int

(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.

**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

**Output:**

teacher_id	cnt
1	2
2	4

# Write your MySQL query statement below

```
select teacher_id, count(distinct subject_id) as cnt from Teacher
group by teacher_id;
```