1241. Number of Comments per Post

Description

Table: `Submissions`

```
+-----------------+-----------+
| Column Name     | Type      |
+-----------------+-----------+
| sub_id          | int       |
| parent_id       | int       |
+-----------------+-----------+
This table may have duplicate rows.
Each row can be a post or comment on the post.
parent_id is null for posts.
parent_id for comments is  sub_id  for another post in the table.
```

Write a solution to find the number of comments per post. The result table should contain `post_id` and its corresponding `number_of_comments`.

The `Submissions` table may contain duplicate comments. You should count the number of **unique comments** per post.

The `Submissions` table may contain duplicate posts. You should treat them as one post.

The result table should be **ordered** by `post_id` in **ascending order**.

The result format is in the following example.

Example 1:

```
Input:
Submissions table:
+---------+-------------+
| sub_id  | parent_id   |
+---------+-------------+
| 1       | Null        |
| 2       | Null        |
| 1       | Null        |
| 12      | Null        |
| 3       | 1           |
| 5       | 2           |
| 3       | 1           |
| 4       | 1           |
| 9       | 1           |
| 10      | 2           |
| 6       | 7           |
+---------+-------------+
Output:
+---------+--------------------+
| post_id | number_of_comments |
+---------+--------------------+
| 1       | 3                  |
| 2       | 2                  |
| 12      | 0                  |
+---------+--------------------+
Explanation:
The post with id 1 has three comments in the table with id 3, 4, and 9. The comment with id 3 is repeated in the table, we counted it  only once.
The post with id 2 has two comments in the table with id 5 and 10.
The post with id 12 has no comments in the table.
The comment with id 6 is a comment on a deleted post with id 7 so we ignored it.
```