

Problem 1633: Percentage of Users Attended a Contest

Problem Information

Difficulty: Easy

Acceptance Rate: 59.70%

Paid Only: No

Tags: Database

Problem Description

Table: `Users`

+-----+-----+ | Column Name | Type | +-----+-----+ | user_id | int | | user_name | varchar | +-----+-----+ user_id is the primary key (column with unique values) for this table. Each row of this table contains the name and the id of a user.

Table: `Register`

+-----+-----+ | Column Name | Type | +-----+-----+ | contest_id | int | | user_id | int | +-----+-----+ (contest_id, user_id) is the primary key (combination of columns with unique values) for this table. Each row of this table contains the id of a user and the contest they registered into.

Write a solution to find the percentage of the users registered in each contest rounded to **two decimals**.

Return the result table ordered by `percentage` in **descending order**. In case of a tie, order it by `contest_id` in **ascending order**.

The result format is in the following example.

Example 1:

Input: Users table: +-----+-----+ | user_id | user_name | +-----+-----+ | 6 | Alice | | 2 | Bob | | 7 | Alex | +-----+-----+ Register table: +-----+-----+ |

```
contest_id | user_id | +-----+-----+ | 215 | 6 || 209 | 2 || 208 | 2 || 210 | 6 || 208 | 6 ||  
209 | 7 || 209 | 6 || 215 | 7 || 208 | 7 || 210 | 2 || 207 | 2 || 210 | 7 | +-----+-----+  
**Output:** +-----+-----+ | contest_id | percentage | +-----+-----+ | 208 |  
100.0 || 209 | 100.0 || 210 | 100.0 || 215 | 66.67 || 207 | 33.33 | +-----+-----+  
**Explanation:** All the users registered in contests 208, 209, and 210. The percentage is  
100% and we sort them in the answer table by contest_id in ascending order. Alice and Alex  
registered in contest 215 and the percentage is  $((2/3) * 100) = 66.67\%$  Bob registered in  
contest 207 and the percentage is  $((1/3) * 100) = 33.33\%$ 
```

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```