

Description Editorial Solutions (476) Submissions

1633. Percentage of Users Attended a Contest

Easy 351 37

Companies

SQL Schema

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 $((1/3) * 100) = 33.33\%$

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Seen this question in a real interview before? 1/4

Yes No

Discussion (26)

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MySQL Auto

```
1 # Write your MySQL query statement below
2 SELECT
3     contest_id,
4     ROUND(
5         COUNT(*)*100/
6         (SELECT count(user_id) FROM Users)
7     ,2) AS percentage
8 FROM Register r
9 GROUP BY contest_id
10 ORDER BY percentage DESC, contest_id ASC
```

Ln 10, Col 27

Console

Run

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