

Table: Ads

| Column Name | Type |
|-------------|------|
| ad_id | int |
| user_id | int |
| action | enum |

(ad_id, user_id) is the primary key for this table.

Each row of this table contains the ID of an Ad, the ID of a user, and the action taken by the user. The action column is an ENUM type of ('Clicked', 'Viewed', 'Ignored').

A company is running Ads and wants to calculate the performance of each Ad.

Performance of the Ad is measured using Click-Through Rate (CTR) where:
Write an SQL query to find the ctr of each Ad. **Round ctr to two decimal points.**

Return the result table ordered by ctr in **descending order** and by ad_id in **ascending order** in case of a tie.

The query result format is in the following example.

Example 1:**

Input:

Ads table:

| ad_id | user_id | action |
|-------|---------|---------|
| 1 | 1 | Clicked |
| 2 | 2 | Clicked |
| 3 | 3 | Viewed |
| 5 | 5 | Ignored |
| 1 | 7 | Ignored |
| 2 | 7 | Viewed |
| 3 | 5 | Clicked |
| 1 | 4 | Viewed |
| 2 | 11 | Viewed |
| 1 | 2 | Clicked |

Output:

| ad_id | ctr |
|-------|-----|
|-------|-----|

| | | |
|---|-------|--|
| 1 | 66.67 | |
| 3 | 50.00 | |
| 2 | 33.33 | |
| 5 | 0.00 | |

Explanation:

for ad_id = 1, $\text{ctr} = (2/(2+1)) * 100 = 66.67$

for ad_id = 2, $\text{ctr} = (1/(1+2)) * 100 = 33.33$

for ad_id = 3, $\text{ctr} = (1/(1+1)) * 100 = 50.00$

for ad_id = 5, $\text{ctr} = 0.00$, Note that ad_id = 5 has no clicks or views.

Note that we do not care about Ignored Ads.