

578. Get Highest Answer Rate Question

Description

Table: `SurveyLog`

Column Name	Type
id	int
action	ENUM
question_id	int
answer_id	int
q_num	int
timestamp	int

This table may contain duplicate rows.
action is an ENUM (category) of the type: "show", "answer", or "skip".
Each row of this table indicates the user with ID = id has taken an action with the question question_id at time timestamp.
If the action taken by the user is "answer", answer_id will contain the id of that answer, otherwise, it will be null.
q_num is the numeral order of the question in the current session.

The **answer rate** for a question is the number of times a user answered the question by the number of times a user showed the question.

Write a solution to report the question that has the highest **answer rate** . If multiple questions have the same maximum **answer rate** , report the question with the smallest `question_id` .

The result format is in the following example.

Example 1:

Input:
SurveyLog table:

id	action	question_id	answer_id	q_num	timestamp
5	show	285	null	1	123
5	answer	285	124	1	124
5	show	369	null	2	125
5	skip	369	null	2	126

Output:

survey_log
285

Explanation:
Question 285 was showed 1 time and answered 1 time. The answer rate of question 285 is 1.0
Question 369 was showed 1 time and was not answered. The answer rate of question 369 is 0.0
Question 285 has the highest answer rate.

