

1412. Find the Quiet Students in All Exams Premium

Hard Topics

SQL Schema > Pandas Schema >

Table: Student

Column Name	Type
student_id	int
student_name	varchar

student_id is the primary key (column with unique values) for this table.
student_name is the name of the student.

Table: Exam

Column Name	Type
exam_id	int
student_id	int
score	int

(exam_id, student_id) is the primary key (combination of columns with unique values) for this table.
Each row of this table indicates that the student with student_id had a score points in the exam with id exam_id.

A **quiet student** is the one who took at least one exam and did not score the highest or the lowest score.

Write a solution to report the students (student_id, student_name) being quiet in all exams. Do not return the student who has never taken any exam.

Return the result table **ordered by** student_id.

The result format is in the following example.

Example 1:

Input:
Student table:

student_id	student_name
1	Daniel
2	Jade
3	Stella
4	Jonathan
5	Will

Exam table:

exam_id	student_id	score
10	1	70
10	2	80
10	3	90
20	1	80
30	1	70
30	3	80
30	4	90
40	1	60
40	2	70
40	4	80

Output:

student_id	student_name
2	Jade

Explanation:
For exam 1: Student 1 and 3 hold the lowest and high scores respectively.
For exam 2: Student 1 hold both highest and lowest score.
For exam 3 and 4: Studnet 1 and 4 hold the lowest and high scores respectively.
Student 2 and 5 have never got the highest or lowest in any of the exams.
Since student 5 is not taking any exam, he is excluded from the result.
So, we only return the information of Student 2.

Seen this question in a real interview before? 1/5

Yes No

Accepted 28.8K | Submissions 49K | Acceptance Rate 58.7%

Topics

Database

Discussion (8)