

618. Students Report By Geography Premium

Hard Topics

SQL Schema > Pandas Schema >

Table: Student

Column Name	Type
name	varchar
continent	varchar

This table may contain duplicate rows.
Each row of this table indicates the name of a student and the continent they came from.

A school has students from Asia, Europe, and America.

Write a solution to **pivot** the continent column in the `Student` table so that each name is **sorted alphabetically** and displayed underneath its corresponding continent. The output headers should be `America`, `Asia`, and `Europe`, respectively.

The test cases are generated so that the student number from America is not less than either Asia or Europe.

The result format is in the following example.

Example 1:

Input:
Student table:

name	continent
Jane	America
Pascal	Europe
Xi	Asia
Jack	America

Output:

America	Asia	Europe
Jack	Xi	Pascal
Jane	null	null

Follow up: If it is unknown which continent has the most students, could you write a solution to generate the student report?

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

Yes No

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Topics Database

Discussion (11)