

Table: Student

Column Name	Type
name	varchar
continent	varchar

There is no primary key for this table. It 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 an SQL query 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 query 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 query to generate the student report?