

Table: SchoolA

Column Name	Type
student_id	int
student_name	varchar

student\_id is the primary key for this table.

Each row of this table contains the name and the id of a student in school A.

All student\_name are distinct.

Table: SchoolB

Column Name	Type
student_id	int
student_name	varchar

student\_id is the primary key for this table.

Each row of this table contains the name and the id of a student in school B.

All student\_name are distinct.

Table: SchoolC

Column Name	Type
student_id	int
student_name	varchar

student\_id is the primary key for this table.

Each row of this table contains the name and the id of a student in school C.

All student\_name are distinct.

There is a country with three schools, where each student is enrolled in **exactly one** school. The country is joining a competition and wants to select one student from each school to represent the country such that:

member\_A is selected from SchoolA,

member\_B is selected from SchoolB,

member\_C is selected from SchoolC, and

The selected students' names and IDs are pairwise distinct (i.e. no two students share the same name, and no two students share the same ID).

Write an SQL query to find all the possible triplets representing the country under the given constraints.

Return the result table in **any order**.

The query result format is in the following example.

Example 1:\*\*

Input:

SchoolA table:

+-----+	
student_id	student_name
+-----+	
1	Alice
2	Bob
+-----+	

SchoolB table:

+-----+	
student_id	student_name
+-----+	
3	Tom
+-----+	

SchoolC table:

+-----+	
student_id	student_name
+-----+	
3	Tom
2	Jerry
10	Alice
+-----+	

Output:

+-----+		
member_A	member_B	member_C
+-----+		
Alice	Tom	Jerry
Bob	Tom	Alice
+-----+		

Explanation:

Let us see all the possible triplets.

- (Alice, Tom, Tom) --> Rejected because member\_B and member\_C have the same name and the

- (Alice, Tom, Jerry) --&gt; Valid triplet.
- (Alice, Tom, Alice) --&gt; Rejected because member\_A and member\_C have the same name.
- (Bob, Tom, Tom) --&gt; Rejected because member\_B and member\_C have the same name and the s
- (Bob, Tom, Jerry) --&gt; Rejected because member\_A and member\_C have the same ID.
- (Bob, Tom, Alice) --&gt; Valid triplet.