

Problem List

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Description

Editorial

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2339. All the Matches of the League

Premium

Solved

Easy

Topics

Companies

SQL Schema

Pandas Schema

Table: Teams

Column Name	Type
team_name	varchar

team\_name is the column with unique values of this table.  
Each row of this table shows the name of a team.

Write a solution to report all the possible matches of the league. Note that every two teams play two matches with each other, with one team being the `home_team` once and the other time being the `away_team`.

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

The result format is in the following example.

Example 1:

Input:

Teams table:

team_name
Leetcode FC
Ahly SC
Real Madrid

Output:

home_team	away_team
Real Madrid	Leetcode FC
Real Madrid	Ahly SC
Leetcode FC	Real Madrid
Leetcode FC	Ahly SC
Ahly SC	Real Madrid
Ahly SC	Leetcode FC

Explanation:

All the matches of the league are shown in the table.

Seen this question in a real interview before?

1/5

Yes

No

Accepted

7.4K

Submissions

8.5K

Acceptance Rate

87.4%

Topics

Companies

Discussion (2)

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</> Code

MySQL

Auto

Ln 8, Col 1

1 # Write your MySQL query statement below

2

3 SELECT T1.team\_name as home\_team, T2.team\_name as away\_team FROM

4 Teams T1

5 INNER JOIN

6 Teams T2

7 ON T1.team\_name != T2.team\_name

8

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Testcase

Test Result

Ahly SC	Leetcode FC
Real Madrid	Ahly SC
Leetcode FC	Ahly SC
Ahly SC	Real Madrid
Leetcode FC	Real Madrid

Expected

home_team	away_team
Real Madrid	Leetcode FC
Real Madrid	Ahly SC
Leetcode FC	Real Madrid
Leetcode FC	Ahly SC
Ahly SC	Real Madrid
Ahly SC	Leetcode FC

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Contribute a testcase