Problem 2339: All the Matches of the League

Problem Information

Difficulty: Easy
Acceptance Rate: 0.00%
Paid Only: No

Problem Description

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.

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```

Oracle:

```
/* Write your PL/SQL query statement below */
```

Pandas:

```
import pandas as pd


def find_all_matches(teams: pd.DataFrame) -> pd.DataFrame:
```

Solutions

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