Problem 1355: Activity Participants

Problem Information

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

Problem Description

Table:

Friends

+---------------+---------+ | Column Name | Type | +---------------+---------+ | id | int | | name | varchar | | activity | varchar | +---------------+---------+ id is the id of the friend and the primary key for this table in SQL. name is the name of the friend. activity is the name of the activity which the friend takes part in.

Table:

Activities

+---------------+---------+ | Column Name | Type | +---------------+---------+ | id | int | | name | varchar | +---------------+---------+ In SQL, id is the primary key for this table. name is the name of the activity.

Find the names of all the activities with neither the maximum nor the minimum number of participants.

Each activity in the

Activities

table is performed by any person in the table Friends.

Return the result table in

any order

.

The result format is in the following example.

Example 1:

Input:

Friends table: +------+-------------+--------------+ | id | name | activity |
+------+-------------+--------------+ | 1 | Jonathan D. | Eating | | 2 | Jade W. | Singing | | 3 | Victor
J. | Singing | | 4 | Elvis Q. | Eating | | 5 | Daniel A. | Eating | | 6 | Bob B. | Horse Riding |
+------+-------------+--------------+ Activities table: +------+-------------+ | id | name |
+------+-------------+ | 1 | Eating | | 2 | Singing | | 3 | Horse Riding | +------+-------------+

Output:

+-------------+ | activity | +-------------+ | Singing | +-------------+

Explanation:

Eating activity is performed by 3 friends, maximum number of participants, (Jonathan D. ,
Elvis Q. and Daniel A.) Horse Riding activity is performed by 1 friend, minimum number of
participants, (Bob B.) Singing is performed by 2 friends (Victor J. and Jade W.)

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:

```python
import pandas as pd


def activity_participants(friends: pd.DataFrame, activities: pd.DataFrame) ->
pd.DataFrame:
```

Solutions

MySQL Solution:

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# Write your MySQL query statement below
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