

# Problem 584: Find Customer Referee

## Problem Information

Difficulty: [Easy](#)

Acceptance Rate: 0.00%

Paid Only: No

## Problem Description

Table:

Customer

+-----+-----+ | Column Name | Type | +-----+-----+ | id | int | | name | varchar |  
| referee\_id | int | +-----+-----+ In SQL, id is the primary key column for this table.  
Each row of this table indicates the id of a customer, their name, and the id of the customer  
who referred them.

Find the names of the customer that are either:

referred by

any customer with

id != 2

.

not referred by

any customer.

Return the result table in

any order

The result format is in the following example.

Example 1:

Input:

Customer table: +---+-----+-----+ | id | name | referee\_id | +---+-----+-----+ | 1 | Will | null | | 2 | Jane | null | | 3 | Alex | 2 | | 4 | Bill | null | | 5 | Zack | 1 | | 6 | Mark | 2 | +---+-----+

Output:

+-----+ | name | +-----+ | Will | | Jane | | Bill | | Zack | +-----+

## 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_customer_referee(customer: pd.DataFrame) -> pd.DataFrame:
```

## Solutions

### MySQL Solution:

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