

Problem 570: Managers with at Least 5 Direct Reports

Problem Information

Difficulty: Medium

Acceptance Rate: 0.00%

Paid Only: No

Problem Description

Table:

Employee

+-----+-----+ | Column Name | Type | +-----+-----+ | id | int | | name | varchar |
| department | varchar | | managerId | int | +-----+-----+ id is the primary key (column with unique values) for this table. Each row of this table indicates the name of an employee, their department, and the id of their manager. If managerId is null, then the employee does not have a manager. No employee will be the manager of themselves.

Write a solution to find managers with at least

five direct reports

.

Return the result table in

any order

.

The result format is in the following example.

Example 1:

Input:

```
Employee table: +-----+-----+-----+-----+ | id | name | department | managerId |
+-----+-----+-----+-----+ | 101 | John | A | null | | 102 | Dan | A | 101 | | 103 | James |
A | 101 | | 104 | Amy | A | 101 | | 105 | Anne | A | 101 | | 106 | Ron | B | 101 |
+-----+-----+-----+-----+
```

Output:

```
+-----+ | name | +-----+ | John | +-----+
```

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_managers(employee: pd.DataFrame) -> pd.DataFrame:
```

Solutions

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