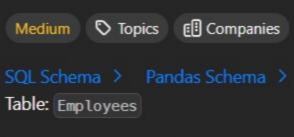
# 1270. All People Report to the Given Manager Premium



Туре
int varchar int

employee\_id is the column of unique values for this table.

Each row of this table indicates that the employee with ID employee\_id and name employee\_name reports his work to his/her direct manager with manager\_id The head of the company is the employee with employee\_id = 1.

Write a solution to find <code>employee\_id</code> of all employees that directly or indirectly report their work to the head of the company.

The indirect relation between managers will not exceed three managers as the company is small.

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

The result format is in the following example.

#### Example 1:

#### Input:

Employees table:

employee_id	employee_name	manager_id
1	Boss	1
3	Alice	3
2	Bob	1
4	Daniel	2
7	Luis	4
8	Jhon	3
9	Angela	8
77	Robert	1

## Output:

+		+
I	employee_id	I
+		+
1	2	1
1	77	1
1	4	1
1	7	1

### Explanation:

The head of the company is the employee with employee\_id 1.

The employees with employee\_id 2 and 77 report their work directly to the head of the company.

The employee with employee\_id 4 reports their work indirectly to the head of the company 4 --> 2 --> 1.

The employee with employee\_id 7 reports their work indirectly to the head of the company 7 --> 4 --> 2 --> 1.

The employees with employee\_id 3, 8, and 9 do not report their work to the head of the company directly or indirectly.

Seen this question in a real interview before? 1/5



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