

## 1270. All People Report to the Given Manager

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SQL Schema >

Table: Employees

```

+-----+-----+
| Column Name | Type |
+-----+-----+
| employee_id | int   |
| employee_name | varchar |
| manager_id | int   |
+-----+-----+
employee_id is the primary key 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 an SQL query to find `employee_id` of all employees that directly or indirectly report their work to the head of the company.

The indirect relation between managers will not exceed 3 managers as the company is small.

Return result table in any order without duplicates.

The query result format is in the following example:

```

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           |
+-----+-----+-----+
    
```

```

Result table:
+-----+
| employee_id |
+-----+
| 2           |
| 77          |
| 4           |
| 7           |
+-----+
    
```

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 report his work indirectly to the head of the company 4 --> 2 --> 1.  
 The employee with employee\_id 7 report his work indirectly to the head of the company 7 --> 4 --> 2 --> 1.  
 The employees with employee\_id 3, 8 and 9 don't report their work to head of company directly or indirectly.

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1 # Write your MySQL query statement below  
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Console

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