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

SQL query:

```
SELECT DISTINCT e1.employee_id
FROM Employees e1
JOIN Employees e2 ON e1.manager_id = e2.employee_id
JOIN Employees e3 ON e2.manager_id = e3.employee_id
WHERE e3.manager_id = 1
```

Output:

```
+-------------+
| employee_id |
+-------------+
| 2           |
| 4           |
| 7           |
| 77          |
+-------------+
```