

Question:

Day 15 of SQL Advent Calendar

Today's Question:

A family reunion is being planned, and the organizer wants to identify the three family members with the most children. Write a query to calculate the total number of children for each parent and rank them. Include the parent's name and their total number of children in the result.

Table name: family_members

member_id	name	age
1	Alice	30
2	Bob	58
3	Charlie	33
4	Diana	55
5	Eve	5
6	Frank	60
7	Grace	32
8	Hannah	8
9	Ian	12
10	Jack	3

Table name: parent_child_relationships

parent_id	child_id
2	1
3	5
4	1
6	7
6	8
7	9
7	10
4	8

Question level of difficulty: Hard



SQL Query:

```
1  SELECT name,  
2     COUNT(child_id) AS total_number_of_children  
3  FROM family_members fm  
4  JOIN parent_child_relationships pc  
5  ON fm.member_id = pc.parent_id  
6  GROUP BY fm.member_id  
7  ORDER BY total_number_of_children DESC  
8  LIMIT 3;
```

Output:

NAME	TOTAL_NUMBER_OF_CHILDREN
Grace	2
Frank	2
Diana	2

Correct!! 🎉 Great work!