SQL Schema

Table: Tasks

+----------------+---------+

| Column Name | Type |

+----------------+---------+

| task\_id | int |

| subtasks\_count | int |

+----------------+---------+

task\_id is the primary key for this table.

Each row in this table indicates that task\_id was divided into subtasks\_count subtasks labelled from 1 to subtasks\_count.

It is guaranteed that 2 <= subtasks\_count <= 20.

Table: Executed

+---------------+---------+

| Column Name | Type |

+---------------+---------+

| task\_id | int |

| subtask\_id | int |

+---------------+---------+

(task\_id, subtask\_id) is the primary key for this table.

Each row in this table indicates that for the task task\_id, the subtask with ID subtask\_id was executed successfully.

It is **guaranteed** that subtask\_id <= subtasks\_count for each task\_id.

Write an SQL query to report the IDs of the missing subtasks for each task\_id.

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

The query result format is in the following example:

Tasks table:

+---------+----------------+

| task\_id | subtasks\_count |

+---------+----------------+

| 1 | 3 |

| 2 | 2 |

| 3 | 4 |

+---------+----------------+

Executed table:

+---------+------------+

| task\_id | subtask\_id |

+---------+------------+

| 1 | 2 |

| 3 | 1 |

| 3 | 2 |

| 3 | 3 |

| 3 | 4 |

+---------+------------+

Result table:

+---------+------------+

| task\_id | subtask\_id |

+---------+------------+

| 1 | 1 |

| 1 | 3 |

| 2 | 1 |

| 2 | 2 |

+---------+------------+

Task 1 was divided into 3 subtasks (1, 2, 3). Only subtask 2 was executed successfully, so we include (1, 1) and (1, 3) in the answer.

Task 2 was divided into 2 subtasks (1, 2). No subtask was executed successfully, so we include (2, 1) and (2, 2) in the answer.

Task 3 was divided into 4 subtasks (1, 2, 3, 4). All of the subtasks were executed successfully.