

Medium

Table: Logs

Column Name	Type
log_id	int

log_id is the column of unique values for this table.
Each row of this table contains the ID in a log Table.

Write a solution to find the start and end number of continuous ranges in the table Logs.

Return the result table ordered by start_id.

The result format is in the following example.

Example 1:

Input:

Logs table:

log_id
1
2
3
7
8
10

Output:

start_id	end_id
1	3
7	8
10	10

Explanation:

The result table should contain all ranges in table Logs.

From 1 to 3 is contained in the table.

From 4 to 6 is missing in the table

From 7 to 8 is contained in the table.

Number 9 is missing from the table.

Number 10 is contained in the table.

Write your MySQL query statement below

```
WITH CTE AS (SELECT log_id, ROW_NUMBER() OVER(ORDER BY log_id) as num
FROM Logs)
```

```
SELECT min(log_id) as start_id, max(log_id) as end_id
FROM CTE
GROUP BY log_id-num
```