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1285. Find the Start and End Number of Continuous Ranges

Medium 69 6 Add to List

SQL Schema >

Table: Logs

```
+-----+-----+
| Column Name | Type   |
+-----+-----+
| log_id      | int    |
+-----+-----+
id is the primary key for this table.
Each row of this table contains the ID in a log Table.
```

Since some IDs have been removed from `Logs`. Write an SQL query to find the start and end number of continuous ranges in table `Logs`.

Order the result table by `start_id`.

The query result format is in the following example:

```
Logs table:
+-----+
| log_id |
+-----+
| 1      |
| 2      |
| 3      |
| 7      |
| 8      |
| 10     |
+-----+

Result table:
+-----+-----+
| start_id | end_id  |
+-----+-----+
| 1         | 3        |
| 7         | 8        |
| 10        | 10       |
+-----+-----+
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 in the table.
Number 10 is contained in the table.
```

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