

180. Consecutive Numbers

Medium 1.8K 237

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SQL Schema

Table: Logs

Column Name	Type
id	int
num	varchar

In SQL, id is the primary key for this table.
id is an autoincrement column.

Find all numbers that appear at least three times consecutively.

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

The result format is in the following example.

Example 1:

Input:
Logs table:

id	num
1	1
2	1
3	1
4	2
5	1
6	2
7	2

Output:

ConsecutiveNums
1

Explanation: 1 is the only number that appears consecutively for at least three times.

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Seen this question in a real interview before? 1/4

Yes No

Discussion (59)

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```
1 # Write your MySQL query statement below
2 WITH CTE AS(
3     SELECT num,
4         lead(num,1) over() AS num1,
5         lead(num,2) over() AS num2
6     FROM logs
7 )
8
9 SELECT DISTINCT(num) AS ConsecutiveNums
10 FROM CTE
11 WHERE
12     num = num1
13     AND
14     num = num2
```