Problem 619: Biggest Single Number

Problem Information

Difficulty: Easy
Acceptance Rate: 70.56%
Paid Only: No
Tags: Database

Problem Description

Table: `MyNumbers`

+-------------+------+ | Column Name | Type | +-------------+------+ | num | int | +-------------+------+
This table may contain duplicates (In other words, there is no primary key for this table in SQL). Each row of this table contains an integer.

A **single number** is a number that appeared only once in the `MyNumbers` table.

Find the largest **single number**. If there is no **single number** , report `null`.

The result format is in the following example.

Example 1:

Input: MyNumbers table: +-----+ | num | +-----+ | 8 | | 8 | | 3 | | 3 | | 1 | | 4 | | 5 | | 6 | +-----+ **Output:** +-----+ | num | +-----+ | 6 | +-----+ **Explanation:** The single numbers are 1, 4, 5, and 6. Since 6 is the largest single number, we return it.

Example 2:

Input: MyNumbers table: +-----+ | num | +-----+ | 8 | | 8 | | 7 | | 7 | | 3 | | 3 | | 3 | +-----+ **Output:** +------+ | num | +------+ | null | +------+ **Explanation:** There are no single numbers in the input table so we return null.

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```