

78_Biggest Single Number Easy - Solution

Source - <https://leetcode.com/problems/biggest-single-number/description/>

Running Notes:

- 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`.

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

```
WITH main_CTE AS (  
    SELECT num  
    FROM MyNumbers  
    GROUP BY num  
    HAVING COUNT(num) = 1  
)
```

```
SELECT  
MAX(num) AS num  
FROM main_CTE
```

The

`GROUP BY num` groups all occurrences of the same number together.
`HAVING COUNT(num) = 1` keeps only those that appear exactly once.

The result of this step is a list of numbers that are unique in `MyNumbers`.

`MAX(num)` finds the **largest** number from the unique numbers extracted in `main_CTE`.

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