5850. Find Greatest Common Divisor of Array

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Given an integer array `nums`, return *the **greatest common divisor** of the smallest number and largest number in* `nums`.

The **greatest common divisor** of two numbers is the largest positive integer that evenly divides both numbers.

User Accepted:	224
User Tried:	238
Total Accepted:	224
Total Submissions:	241
Difficulty:	Easy

Example 1:

```
Input: nums = [2,5,6,9,10]
Output: 2
Explanation:
The smallest number in nums is 2.
The largest number in nums is 10.
The greatest common divisor of 2 and 10 is 2.
```

Example 2:

```
Input: nums = [7,5,6,8,3]
Output: 1
Explanation:
The smallest number in nums is 3.
The largest number in nums is 8.
The greatest common divisor of 3 and 8 is 1.
```

Example 3:

```
Input: nums = [3,3]
Output: 3
Explanation:
The smallest number in nums is 3.
The largest number in nums is 3.
The greatest common divisor of 3 and 3 is 3.
```

Constraints:

- `2 <= nums.length <= 1000`
- `1 <= nums[i] <= 1000`

Java ▾

```java
class Solution {
    public int findGCD(int[] nums) {

    }
}
```