

# Problem 1133: Largest Unique Number

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 71.35%

**Paid Only:** Yes

**Tags:** Array, Hash Table, Sorting

## Problem Description

Given an integer array `nums`, return `the largest integer that only occurs once`. If no integer occurs once, return `-1`.

**Example 1:**

**Input:** `nums = [5,7,3,9,4,9,8,3,1]` **Output:** `8` **Explanation:** The maximum integer in the array is 9 but it is repeated. The number 8 occurs only once, so it is the answer.

**Example 2:**

**Input:** `nums = [9,9,8,8]` **Output:** `-1` **Explanation:** There is no number that occurs only once.

**Constraints:**

`1 <= nums.length <= 2000` `0 <= nums[i] <= 1000`

## Code Snippets

**C++:**

```
class Solution {
public:
    int largestUniqueNumber(vector<int>& nums) {
```

```
}  
};
```

### Java:

```
class Solution {  
    public int largestUniqueNumber(int[] nums) {  
  
    }  
}
```

### Python3:

```
class Solution:  
    def largestUniqueNumber(self, nums: List[int]) -> int:
```