**1262. Greatest Sum Divisible by Three**

Medium

67119Add to ListShare

Given an array nums of integers, we need to find the maximum possible sum of elements of the array such that it is divisible by three.

**Example 1:**

**Input:** nums = [3,6,5,1,8]

**Output:** 18

**Explanation:** Pick numbers 3, 6, 1 and 8 their sum is 18 (maximum sum divisible by 3).

**Example 2:**

**Input:** nums = [4]

**Output:** 0

**Explanation:** Since 4 is not divisible by 3, do not pick any number.

**Example 3:**

**Input:** nums = [1,2,3,4,4]

**Output:** 12

**Explanation:** Pick numbers 1, 3, 4 and 4 their sum is 12 (maximum sum divisible by 3).

**Constraints:**

* 1 <= nums.length <= 4 \* 10^4
* 1 <= nums[i] <= 10^4

Accepted

24,913

Submissions

50,287