Given an integer array nums, return true *if you can partition the array into two subsets such that the sum of the elements in both subsets is equal or* false *otherwise*.

**Example 1:**

Input: nums = [1,5,11,5]  
Output: true  
Explanation: The array can be partitioned as [1, 5, 5] and [11].

**Example 2:**

Input: nums = [1,2,3,5]  
Output: false  
Explanation: The array cannot be partitioned into equal sum subsets.

**Constraints:**

* 1 <= nums.length <= 200
* 1 <= nums[i] <= 100