[Partition Equal Subset Sum](https://leetcode.com/problems/partition-equal-subset-sum/description/)

Given a **non-empty** array nums containing **only positive integers**, find if the array can be partitioned into two subsets such that the sum of elements in both subsets is equal.

**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