

Partition Equal Subset Sum

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`