

## 416. Partition Equal Subset Sum

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:

- $1 \leq \text{nums.length} \leq 200$
- $1 \leq \text{nums}[i] \leq 100$