**698. Partition to K Equal Sum Subsets**

Medium

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Given an array of integers nums and a positive integer k, find whether it's possible to divide this array into k non-empty subsets whose sums are all equal.

**Example 1:**

**Input:** nums = [4, 3, 2, 3, 5, 2, 1], k = 4

**Output:** True

**Explanation:** It's possible to divide it into 4 subsets (5), (1, 4), (2,3), (2,3) with equal sums.

**Note:**

* 1 <= k <= len(nums) <= 16.
* 0 < nums[i] < 10000.

Accepted

120,365

Submissions

263,079