

1099. Two Sum Less Than K

Description

Given an array `nums` of integers and integer `k`, return the maximum `sum` such that there exists `i < j` with `nums[i] + nums[j] = sum` and `sum < k`. If no `i`, `j` exist satisfying this equation, return `-1`.

Example 1:

Input: `nums = [34,23,1,24,75,33,54,8]`, `k = 60`

Output: `58`

Explanation: We can use 34 and 24 to sum 58 which is less than 60.

Example 2:

Input: `nums = [10,20,30]`, `k = 15`

Output: `-1`

Explanation: In this case it is not possible to get a pair sum less than 15.

Constraints:

- `1 <= nums.length <= 100`
- `1 <= nums[i] <= 1000`
- `1 <= k <= 2000`

