

1099. Two Sum Less Than K

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

Example 1:

Input: `A = [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: `A = [10,20,30], K = 15`

Output: -1

Explanation:

In this case it's not possible to get a pair sum less than 15.

Note:

1. `1 <= A.length <= 100`
2. `1 <= A[i] <= 1000`
3. `1 <= K <= 2000`