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HydratedHakafos non-programming write-up

Double Ratio Estimate: 2.0
My Algorithm is O(n) because it only traverses through the length the array once

Pseudocode:
ErrorChecker to check if sizes aren't same or arrays are null or empty
Make return variable = 1 since tables start at 1 and go to n
For loop that runs through the size of one of the arrays(since both are same size)
    adds the difference of the waterAvailable[i] and waterNeeded[i] to a sum variable
    if the difference is less than zero
        make the sum equal to zero
        make the return value equal to the index + 2(since the tables are 1-n not 0-n-1)
        add waterAvailable[I] to available variable
        add waterNeeded[I] to needed variable
if(the available water - needed water is less than 0)
    return -1 because that means no solution is possible
Otherwise return the index

This code only runs through the array once and is therefore O(n) and all other look ups are constant.