

Sam Shulman

I have a `startingTable` variable which stores the valid starting index from where the person can make a full hakafo by visiting each table once. I enter into a for loop and for each table `i` I += the hydrationLevel with `waterAvailable[i] - waterRequired[i]`. If at any time in the loop hydrationLevel falls below zero I go to the next table as the `startingTable` and reset the hydrationLevel to zero. After I break out of the for loop I check if `totalWaterAvailable + hydrationLevel > 0` and if it is I return the `startingTable` number otherwise I return the sentinel value. This is a linear solution because I am visiting each table only once.