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📄 ASSIGNMENTS

❓ Help for this tool

Title	Homework #14
Due	Apr 23, 2021 11:55 PM
Grade Scale	No Grade

Instructions

(Weiss 7.40): The following divide-and-conquer algorithm is proposed for finding the simultaneous maximum and minimum: If there is one item, it is the maximum and minimum, and if there are two items, then compare them, and in one comparison you can find the maximum and minimum. Otherwise, split the input into two halves, divided as evenly as possibly (if N is odd, one of the two halves will have one more element than the other). Recursively find the maximum and minimum of each half, and then in two additional comparisons produce the maximum and minimum for the entire problem.

Write the above function which will take in a vector and solve the problem, producing a vector of two elements, the min and max.

Submission

This assignment does not accept online submissions. Contact your instructor for additional instructions.

Done