

Min-Max Documentation

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1 Description of Product

Min and Max is a program that allows users to enter an integer array of any size and get the minimum and maximum numbers of their array

2 How To Use

1. Run the program
2. Wait for a few seconds
3. Follow the prompt displayed

3 Length of Array Input

The first part of the program will create an empty array. This empty array will store all of the numbers to be compared, and the array length is determined by the user.

4 Making the Array

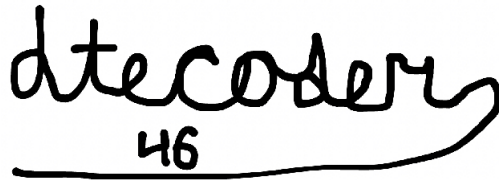
Once the array is created with the correct array length, the program will then ask the user for a numerical input and will store this input in the first slot in the array. This process repeats until all slots in the array are filled with numbers.

5 Min and Max Modules

Two numbers are declared, which serve as the basis of comparison against the numbers in the array. At this point, the program branches into two modules: min and max.

In both cases, the program takes the number at the first array index and compares it to one of the pre-determined numbers. If it is greater (max) or less (min) than the set number, the array number will replace the previous set number.

This process repeats until all numbers in the array have been compared, after which the new set numbers (now the largest and smallest numbers) will be displayed to the user.



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