Scoremore: Assessment - Java

Problem Statement :

A Random array of elements is given. Your program needs to find all the sections(sequences) in the array that are in the ascending order, find the sum of those sequences, then find the largest sum and print the largest sum along with the sequence of numbers.

For example : if the array is like {4,5,6,2,1,2,3,4,12,6,4,2,1,5,8,9}

Then ascending sequences in the given array are

4,5,6 with sum 15

1,2,3,4,12 with sum 22

1,5,8,9 with sum 23

So your program should return a String with the sequence **1 5 8 9 23**, as this is the largest among all the ascending sequences.

To solve the above problem ,A class **LongestAscendingSumSequence** is given to you with following specification.

Method Specification:

Method Name: getSum

Number Of Parameters: 1, Object type

Return Type: String as Required

Business Rules:

- *If input Object argument is not a int[] integer array type then return "999" as string*

- *If any of the input array element is 0 or negative then return "-1" as string*

- *For all other cases return the AscendingSeqence With sum of that sequence which has the largest sum.*

- *There must be exactly one space between each number of the output String*

- *Remove all leading and trailing spaces in the final output.*

Hint : You may type cast the Object into int[] if it is a int[] type

Example 1 :

 input : {1,2,3,20,3,25,30,31,32,33,34}

 output : 3 25 30 31 32 33 34 188

Example 2 :

 input : {1.3f, 2.3f}

 output : 999

Example 3 :

 input : {2,3,4,1,2,-9}

 output : -1

Read the steps below carefully before you start

1. Download the skeleton code provided *(LongestAscendingSumSequence.java)*

2. In the downloaded file, add your code in the placeholder - "ADD YOUR CODE HERE"

3. To write code, you can use editors such as Eclipse, Notepad, GEdit, VIM etc

4. Compile your code

5. Check the output and upload the source file i.e., .java file

Follow the below steps to upload the file

1. click on 'Select a file' button. Locate and select the .java
   file *(LongestAscendingSumSequence.java)* you want to upload. Ensure that you select the
   correct file as only one file can be uploaded. In case you selected the wrong file, refresh the
   page before proceeding to next step.

2. Now the button 'Upload **LongestAscendingSumSequence.java**' will be displayed. Click this button to upload

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File uploaded LongestAscendingSumSequence.java

Your solution has been successfully submitted.

Your score is 0

Comment: Congratulations! Your code has compiled with no errors.

TestCase: LongestAscendingSumSequenceTest, Grade: Failed, Score: 0 out of 6, Message: No method getSum found

TestCase: wrongParameterTest, Grade: Failed, Score: 0 out of 2, Message: No method getSum found

TestCase: zeroOrNegativeTest, Grade: Failed, Score: 0 out of 2, Message: No method getSum found

Attempt 1 of 10
Try Again.

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