talent
sprint

Scoremore: Assessment - Java

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Write a program which calculates the sum of distinct elements from the given array.

Example:

Input :int[] a = {10, 20, 30, 40, 50, 60, 10}

Output: 200

Define the below methods with the following specifications:

Name of method getSumOfDistinctElements()//accepts an integer array and return the sum of distinct elements

Arguments: One argument of integer array.

Return Type: an Integer value

Specifications: The value returned by the method getSumOfDistinctElements() is determined by the following rules:

If the array contains negative element, return -1

If the array contains zero as element value, return -2

in other case return the sum of distince elements.

Example:

Input :int[] a = {10, 20, 30, 40, 50}

Output: 150

Input : int[] a = {10, 20, 30, 40, 50, 50}

Output: 100

Input :int[] a = {10, 20, 30, 40, 50, 50, 10, 20, 30, 40}

Output: 0

Input : int[] a = {10, 20, 30, 40, 50, -60, 10}

Output: -1

Input :int[] a = {10, 20, 30, 40, 50, 0, 10}

Output: -2

Name of method isDublicate()//accepts an integer array and integer value as argument, return true if the second argument value exist more than once in the array, in other case return false.

Arguments: Two arguments of integer arrya and integer value.

Return Type: an boolean value

Example:

Input :int[] a = {10, 20, 30, 40, 50, 50} val = 50

Output: true

Input :int[] a = {10, 20, 30, 40, 50, 50} val = 40

Output: false

Read the steps below carefully before you start

1. Download the skeleton code provided -SumOfArrayDistinctElements.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 *SumOfArrayDistinctElements.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.

File uploaded SumOfArrayDistinctElements.java

Processing submission........refreshing automatically in 5 seconds.

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