Description

Please, proceed to com.epam.rd.autotasks.arrays.SumOfPrevious class and implement getSumCheckArray method.

The correct implementation should receive an array of int values and return an array of booleans where each element is a result of a check if a corresponding element is a sum of two previous elements in given array.

Details:

The length of given array is guaranteed to be 2 or more.

Given array is guaranteed to be not null.

Method returns an array of booleans where each element is a result for corresponding element in given array.

First two elements of the boolean array are always false.

Example

Input array:

[1, -1, 0, 4, 6, 10, 15, 25]

Output array:

[false, false, true, false, false, true, false, true]

import java.util.Arrays;

public class SumOfPrevious {

public static void main(String[] args) {

int[] array = new int[]{1, -1, 0, 4, 6, 10, 15, 25};

System.out.println(Arrays.toString(getSumCheckArray(array)));

}

public static boolean[] getSumCheckArray(int[] array){

//put your code here

boolean[] newArr = new boolean[array.length];

int i=0;

for (i=2;i< array.length;i++) {

if (array[i]==array[i-2]+ array[i-1]) {

newArr[i]=true;

}

}

return newArr;

}

}