A set of integers is called a *good set* if it contains 3 distinct elements a, b, and c, such that a + b = c.

Return false if the given set is a *good set*, and return trueotherwise.

**Example**

* For someSet = [1, 2, 3], the output should be  
  goodSet(someSet) = false.
* For someSet = [1, 2, 4], the output should be  
  goodSet(someSet) = true.

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] array.integer someSet**

A sorted array of non-negative integers.

3 ≤ someSet.size() ≤ 5000,  
0 ≤ someSet[i] ≤ 106.

* **[output] boolean**

Return false if someSet is a *good set*, otherwise return true.

<https://codefights.com/challenge/vQ5eLi5Mwatuq8oMJ/solutions>

static bool goodSet(int[] someSet)

{

Array.Sort(someSet);

for (int i = 0; i < someSet.Length - 1; i++)

{

for (int j = i + 1; j < someSet.Length; j++)

{

if (someSet[i] != 0 && someSet[j] != 0 && Array.BinarySearch(someSet, someSet[i] + someSet[j]) >= 0)

{

return false;

}

}

}

return true;

}