Codility version: 1.1.20

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Polski passcode: **Java** **C++**

中文 demoC7JBZW-8RJ

This is a demo task. You can read about this task and its solutions in this blog post.

A zero-indexed array A consisting of N integers is given. An *equilibrium index* of this array is any integer P such that 0 ≤ P < N and the sum of elements of lower indices is equal to the sum of elements of higher indices, i.e.

A[0] + A[1] + ... + A[P−1] = A[P+1] + ... + A[N−2] + A[N−1].

Sum of zero elements is assumed to be equal to 0. This can happen if P = 0 or if P = N−1.

For example, consider the following array A consisting of N = 7 elements:

```
A[0] = -7   A[1] =  1   A
A[3] =  2   A[4] = -4   A
A[6] =  0
```

P = 3 is an equilibrium index of

Example test

add test case

```
1 // you can also use imports, for example:
2 // import java.math.*;
3 class Solution {
4   public int equi ( int[] A ) {
5     ... write your code here ...
6   }
7 }
8
```

Position: Ln 1, Ch 1 Total: Ln 8, Ch 146

- help
- verify
- submit task
- quit