Balanced sum X45803_en

Design the function *suma_equilibrada*(*f*) that, given a list of integers f, returns the smallest index i such that the sum of the elements of f from the first position until the position i is equal to the sum of the subsequent elements. Note that i has to be a valid position in the list. If this position does not exist, the function will return -1.

Sample session

```
>>> suma_equilibrada([1, 1, 1, 1])
1
>>> suma_equilibrada([10, 10, 7, 3, 30])
3
>>> suma_equilibrada([10, 20])
-1
>>> suma_equilibrada([-3, 5, -2])
2
>>> suma_equilibrada([0])
0
>>> suma_equilibrada([])
-1
```

Problem information

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