2485. Find the Pivot Integer

* if no pivot int -> return -1
* garanteed there will be 1 pivot index per input

Accepted!

Sum of all [1 ↦ x] = Sum [n ↦ x]

e

[1 + 2 + 3 + 4 + 5 + 6]

e

[1 + 2 + 3 + 4 + 5 + 6] [6 + 7 + 8]

21 21

* X has got to be smaller than n
* iterator starting from 1

$1+2+3 = [3+4]$

n=4

n=6

1+2 2+3+4

first iteration

1+2 = 3+4

3 ≠ 7

second

1+2+3 = 4

5 ≠ 4

1+2 = 2+3+4+5+6+7+8

3 ≠

1+2+3 = 3+4+5+6+7+8

5 ≠

1+2+3+4 = 4+5+6+7+8

10 ≠

1+2+3+4+5 = 5+6+7+8

15 ≠ 26

1+2+3+4+5+6 = 6+7+8

end return -1

21 = 21

following code logic:

n = 6

leftbound = 1

rightbound = 6

↓

t(i+1)

↓

3

✓

return 6