akuna capital

Quant Dev #2 - Winter 2017

01h : 58m : 37s
to test end

1
2
3
4

☆ Nearest Sum

Given a list of positive integers and an integer n, return the indices of the contiguous substring of the list whose constituents sum closest to N. If multiple pairs of indices meet these criteria, return the one with the lowest starting index. If there are still ties, return the one with the lowest ending index.

Please return the indices as a tuple in the form (lower index, higher index). In order to return a single element, just use that element's index twice.

Try to craft a solution with the lowest possible time complexity.

For example, if you're given the list: [3, 4, 5, 6, 7] and n = 14, you should return (1,3).

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed.
The timer will pause up to 90 seconds for the tour. Start tour

Original code | Python 2

```
1  #!/bin/python
2
3  import sys
4  import os
5
6
7  # Complete the function below.
8
9
10 def  closest_subtring(intList, n):
11
12
```

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```
13 f = open(os.environ['OUTPUT_PATH'], 'w')
15
16 _intList_cnt = 0
17 _intList_cnt = int(raw_input())
18 _intList_i=0
19 _intList = []
20 while _intList_i < _intList_cnt:
21     _intList_item = int(raw_input());
22     _intList.append(_intList_item)
23     _intList_i+=1
24
25
26
27 _n = int(raw_input());
28
29 res = closest_subtring(_intList, _n)
30 for res_cur in res:
31     f.write( str(res_cur) + "\n" )
32
33 f.close()
34
```

Line: 8 Col: 1

Test against custom input

Run Code

Submit code & Continue

(You can submit any number of times)