

CSES Problem Set

Stick Lengths

TASK | SUBMIT | RESULTS | STATISTICS | TESTS | QUEUE

Submission details

Task:	Stick Lengths	
Sender:	razs	
Submission time:	2024-12-11 15:14:18 +0200	
Language:	Python3 (PyPy3)	
Status:	READY	
Result:	ACCEPTED	

Test results A

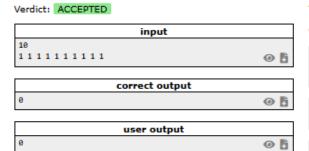
test	verdict	time	
#1	ACCEPTED	0.04 s	<u>*</u>
#2	ACCEPTED	0.04 s	<u>»</u>
#3	ACCEPTED	0.04 s	<u>*</u>
#4	ACCEPTED	0.09 s	<u>>></u>
#5	ACCEPTED	0.14 s	<u>>></u>
#6	ACCEPTED	0.15 s	<u>»</u>
#7	ACCEPTED	0.04 s	<u>*</u>
#8	ACCEPTED	0.04 s	<u>»</u>
#9	ACCEPTED	0.04 s	<u>»</u>
#10	ACCEPTED	0.04 s	<u>»</u>
#11	ACCEPTED	0.04 s	<u>»</u>
#12	ACCEPTED	0.10 s	<u>»</u>

Code A

```
def minimalis_koltseg_azonos_botokhoz(botok_szama, botok):
       # Botok rendezése
       botok.sort()
       # Medián kiszámítása
median = botok[botok_szama // 2]
5
       # Költség számítása
       koltseg = sum(abs(bot - median) for bot in botok)
11
       return koltseg
12
   botok_szama = int(input())
15
   botok = list(map(int, input().split()))
17
   # Megoldás meghívása
   eredmeny = minimalis_koltseg_azonos_botokhoz(botok_szama, botok)
20
   # Kimenet
21
   print(eredmeny)
```

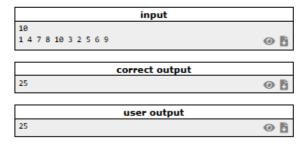
Test details .

Test 1



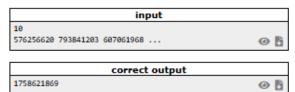
Test 2

Verdict: ACCEPTED



Test 3

Verdict: ACCEPTED



user output		
1758621869		⊕

Test 4

Verdict: ACCEPTED

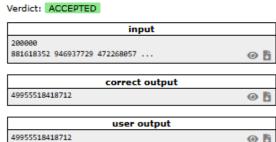
input		
200000		
111111111111111	@ 🖺	
correct output		
0	@ 🖺	
user output		
0	@ 🖺	

Test 5

Verdict: ACCEPTED

Verdict: ACCEPTED		
input		
200000		
138511 36781 76004 108195 1037	⊕ 🖺	
correct output		
10000000000	⊕ 🖺	
user output		
10000000000	Ø	

Test 6



Test 7 Test 10 Verdict: ACCEPTED Verdict: ACCEPTED input input 12345 **⊕** 🔓 11122 **⊕** 🖺 correct output correct output **⊕** 🔓 **@** 🖺 user output user output **⊕** 🔓 **⊕** 🖺 Test 8 Test 11 Verdict: ACCEPTED Verdict: ACCEPTED input input 1 1 4 5 100 100 **⊕** 🔓 correct output correct output 0 **⊕** 🔓 195 **⊕** 🔓 user output user output **⊕** 🔓 195 **⊕** 🔓 Test 9 Test 12 Verdict: ACCEPTED Verdict: ACCEPTED input input 199999 3 4 4 4 4 4 4 1111111111111111... **⊕** 🔓 correct output correct output **⊕** 🖺 14999750001 ⊕ user output user output ⊕ 14999750001 **⊕** 🔓