

CSES Problem Set

Factory Machines

TASK | SUBMIT | RESULTS | STATISTICS | TESTS | QUEUE

Submission details

Task:	Factory Machines
Sender:	razs
Submission time:	2024-12-10 18:52:54 +0200
Language:	Python3 (PyPy3)
Status:	READY
Result:	ACCEPTED

Test results -

test	verdict	time	
#1	ACCEPTED	0.04 s	33
#2	ACCEPTED	0.04 s	33
#3	ACCEPTED	0.04 s	<u>>></u>
#4	ACCEPTED	0.04 s	33
#5	ACCEPTED	0.04 s	33
#6	ACCEPTED	0.05 s	33
#7	ACCEPTED	0.05 s	33
#8	ACCEPTED	0.21 s	<u>>></u>
#9	ACCEPTED	0.17 s	33
#10	ACCEPTED	0.29 s	33
#11	ACCEPTED	0.04 s	33
#12	ACCEPTED	0.04 s	33
#13	ACCEPTED	0.05 s	20
#14	ACCEPTED	0.04 s	<u>>></u>
#15	ACCEPTED	0.04 s	33
#16	ACCEPTED	0.36 s	33
#17	ACCEPTED	0.04 s	33
#18	ACCEPTED	0.04 s	<u>>></u>
#19	ACCEPTED	0.21 s	<u>>></u>
#20	ACCEPTED	0.04 s	33

Code 🛎

```
def minimális_idü(n, t, gépek):

# Bináris keresés határai

bal = 1

jobb = t * min(gépek)

válasz = jobb
# Számoljuk meg, hány termék készül el adott idő alatt
časzes_termék = sum(közép // k for k in gépek)
                     if dazzez termék >= t:

# Na elég termék kézzül, csökkentjük az időtartamot

válasz = közép

jobb = közép - 1

else:

# Na nem elég, növeljük az időtartamot

bal = közép + 1
```

Nested Ranges Check Nested Ranges Count Room Allocation Factory Machines Tasks and Deadlines Reading Books Sum of Three Values Sum of Four Values

Sorting and Searching

Your submissions

2024-12-10 18:52:54

Test 5 Test details . Verdict: ACCEPTED Test 1 input Verdict: ACCEPTED 1 1000000000 1000000000 Θ input correct output 65121510466 Θ B 100000000000000000000 Θ correct output user output @ B 10000000000000000000 **Θ** 🖔 user output @ B Test 6 Verdict: ACCEPTED Test 2 input Verdict: ACCEPTED 1000 1000 271 687 392 992 11 410 702 870... Θ input 10 10 66434932618 Θ correct output 223 Θ 🖰 correct output Θ user output 223 Θ user output Θ B Test 7 Test 3 Verdict: ACCEPTED Verdict: ACCEPTED input 1000 1000 input 598 523 783 794 737 689 724 26... Θ 5 4 10 7 8 4 1 8 9 2 Θ B correct output 282 @ B correct output **Θ** 🖰 user output user output 282 Θ @ B Test 8 Test 4 Verdict: ACCEPTED Verdict: ACCEPTED input input 200000 10000000000 1 1000000000 11111111111111111... @ B

Θ

Θ

@ B

5000

5000

correct output

user output

1000000000

1000000000

correct output

user output

Θ

Θ

Verdict: ACCEPTED Test 9 input 23 10000000000 Verdict: ACCEPTED 1000000000 1000000000 10000000... Θ B input correct output 200000 1 768045594 599341856 380698868 @ B 434782610000000000 Θ correct output user output 8214 @ B 434782610000000000 @ B user output 8214 Θ Test 14 Verdict: ACCEPTED Test 10 input Verdict: ACCEPTED 10 11 12 Θ input 200000 10000000000 correct output 33941840 210038922 596070148 7... @ B 12 Θ correct output 371845814100 **Θ** B user output Θ B user output 371845814166 @ B Test 15 Verdict: ACCEPTED Test 11 Verdict: ACCEPTED input 41 10000000000 input 11111111111111111... Θ 25 10000000000 10000000000 1 1 1 1 1 1 1 1 1 1 1 . . . Θ correct output 27185855 @ B correct output 41666667 Θ user output 27185855 Θ user output 41666667 Θ Test 16 Test 12 Verdict: ACCEPTED Verdict: ACCEPTED input input 200000 1000000000 12 10000000000 999998821 999993288 999993130 ... @ B 1 1 1 1 1 1 1 1 1 1 1 1 10000000... **Θ** 🖰

correct output

user output

98989891

90909091

correct output

user output

@ B

50000000000000

50000000000000

Θ 🖰

Test 13

Test 16

Verdict: ACCEPTED

input		
200000 1000000000		
999998821 999993388 999993138	Θ 🖰	

	correct output	
5000000000000	@	B

	user output		
5000000000000		0	B

Test 17

Verdict: ACCEPTED

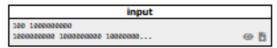
	input		
11			
1		0	B

	correct output	
1	0	B

user	output	Ξ
1	Θ 5	

Test 18

Verdict: ACCEPTED



Γ	correct output	
Г	1000000000000000	@ B

user output	
1000000000000000	@ <u>B</u>

Test 19

Verdict: ACCEPTED

input		
200000 1000000000		
211111111111111	Θ <u>h</u>	

correct output	
5881	⊕ 🖰

user output				
5881	@ B			

Test 19

Verdict: ACCEPTED

Input				
200000 1000000000 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	⊕ <u>B</u>			
correct output				
5801	@ B			

user output

5001		

Test 20

Verdict: ACCEPTED

The second of th				
input				
2 1000000000				
2 3	⊕ 🖰			
correct output				
1200000000	⊕ <u>B</u>			
user output				
1200000000	Θ B			