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CSES Problem Set

Rectangle Cutting

TASK | SUBMIT | RESULTS | STATISTICS | HACKING

Submission details

Task:	Rectangle Cutting	
Sender:	Rodry	
Submission time:	2021-11-28 08:17:46	
Language:	C++11	
Status:	READY	
Result:	ACCEPTED	

Test results ▲

test	verdict	time	
#1	ACCEPTED	0.01 s	<u>>></u>
#2	ACCEPTED	0.01 s	<u>>></u>
#3	ACCEPTED	0.01 s	<u>>></u>
#4	ACCEPTED	0.01 s	<u>>></u>
#5	ACCEPTED	0.01 s	<u>>></u>
#6	ACCEPTED	0.08 s	<u>>></u>
#7	ACCEPTED	0.05 s	<u>>></u>
#8	ACCEPTED	0.01 s	<u>>></u>
#9	ACCEPTED	0.04 s	<u>>></u>
#10	ACCEPTED	0.01 s	<u>>></u>
#11	ACCEPTED	0.03 s	<u>>></u>
#12	ACCEPTED	0.02 s	<u>>></u>
#13	ACCEPTED	0.08 s	<u>>></u>
#14	ACCEPTED	0.01 s	<u>>></u>

Dynamic Programming	
Array Description	_
Counting Towers	_
Edit Distance	_
Rectangle Cutting	✓
Money Sums	_
Removal Game	_
Two Sets II	_
Increasing Subsequence	_

Your submissions

2021-11-28 08:17:46

test	verdict	time	
#15	ACCEPTED	0.01 s	<u>>></u>
#16	ACCEPTED	0.06 s	<u>>></u>
#17	ACCEPTED	0.01 s	<u>>></u>
#18	ACCEPTED	0.03 s	<u>>></u>
#19	ACCEPTED	0.01 s	<u>>></u>
#20	ACCEPTED	0.22 s	<u>>></u>
#21	ACCEPTED	0.22 s	<u>>></u>
#22	ACCEPTED	0.01 s	<u>>></u>
#23	ACCEPTED	0.01 s	<u>>></u>
#24	ACCEPTED	0.06 s	<u>>></u>
#25	ACCEPTED	0.01 s	<u>>></u>
#26	ACCEPTED	0.22 s	<u>>></u>

Code -

```
1 #include <bits/stdc++.h>
 3 #define INF 999999
 5
   using namespace std;
  int RectangleCutting(int a, int b){
 7
 8
 9
            int rectangulo[a+1][b+1];
10
11
            for(int i=0; i<=a; i++){</pre>
12
                    for (int j=0; j<=b; j++) {</pre>
13
14
                             //Diagonalizaci�n
15
                             if (i == j) {
16
                                     rectangulo[i][j] = 0;
17
18
19
                    else{
20
21
                             int k=1;
22
                             rectangulo[i][j] = INF;
23
24
                             for(k = 1; k<j; k++){</pre>
```

```
25
                                       rectangulo[i][j] = min(rectangulo[i][j], rectangulo
26
27
                              for(k = 1; k<i; k++){</pre>
28
29
                                       rectangulo[i][j] = min(rectangulo[i][j], rectangulo[i][j]
30
31
32
33
34
35
            return rectangulo[a][b];
36
37
38
39 int main() {
40
41
            int a;
42
            int b;
43
            cin>>a>>b;
44
            cout<<RectangleCutting(a,b);</pre>
45
46 }
                                                                                        >
```

Share code to others

Test details ▲

Test 1

Verdict: ACCEPTED



correct output

3

© 🖺



Test 2

	input	
4 4		Ø

correct outpu	t
0	•

	user output	
0		②

Test 3

Verdict: ACCEPTED

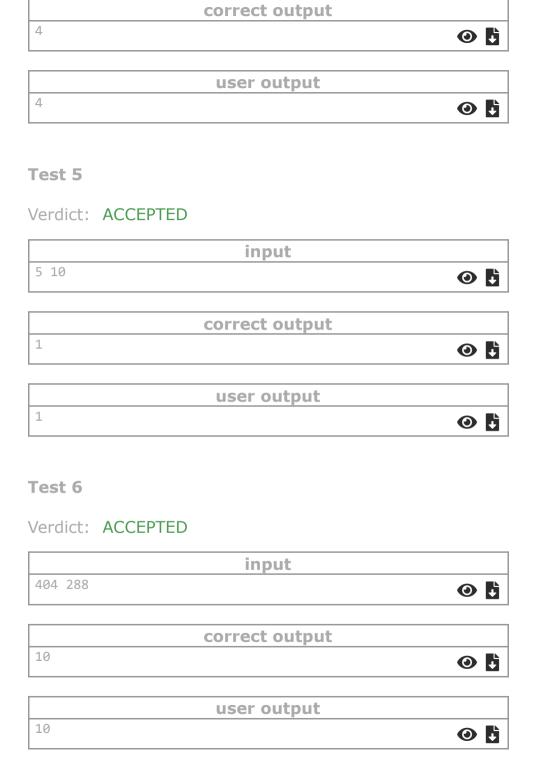
	input	
1 4	•	

	correct output	
3		0

	user output	
3		O

Test 4

	input	
5 8		0



Test 7

	input	
349 234		O

	correct output	
13		0

	user output	
13		0

Test 8

Verdict: ACCEPTED

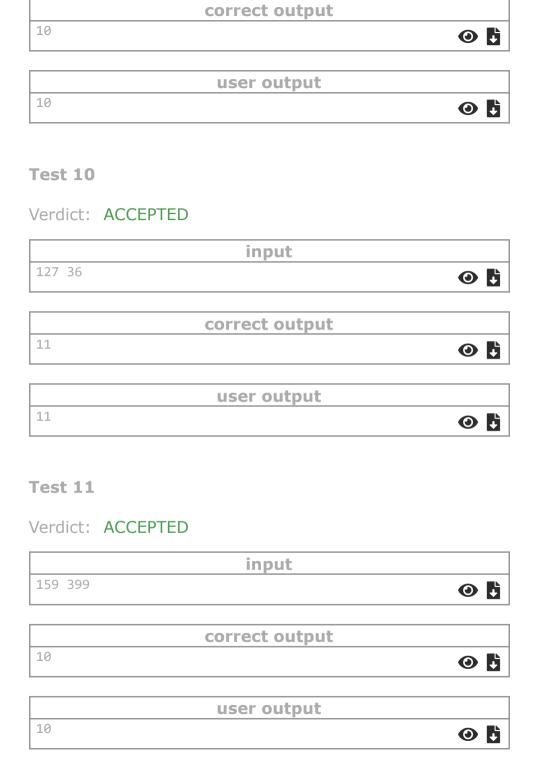
	input	
180 137		0

	correct output	
12		O

	user output	
12		O

Test 9

	input	
201 348		O



Test 12

	input	
136 284		Ø

	correct output	
9		0

	user output	
9		0

Test 13

Verdict: ACCEPTED

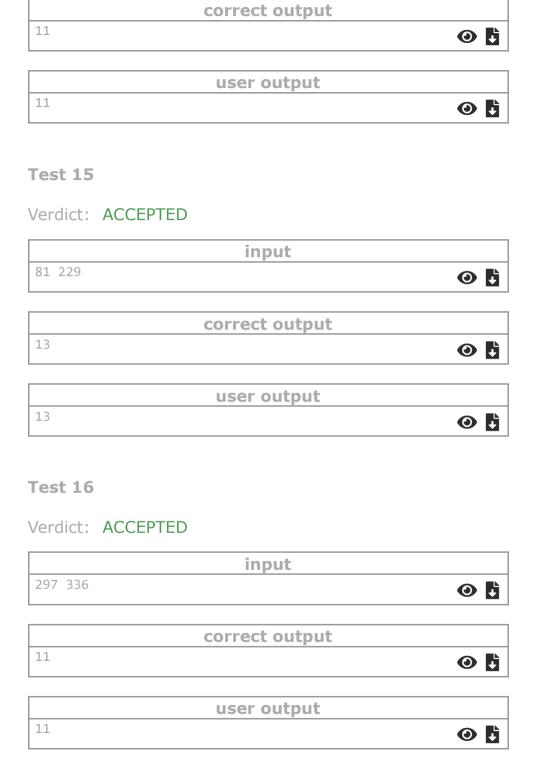
	input	
415 270		© B

	correct output	
10		O

	user output	
10		O

Test 14

input	
34 162	② 🕻



Test 17

	input	
132 46		•

	correct output	
9		O

	user output	
9		Ø

Test 18

Verdict: ACCEPTED

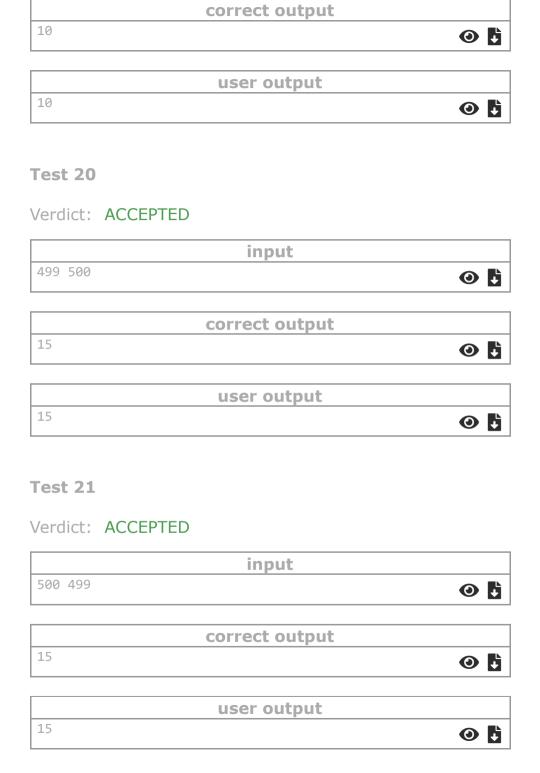
	input	
425 94		0

	correct output	
14		Ø B

	user output	
14		O

Test 19

	input	
216 114		O



Test 22

	input	
1 500		Ø

	correct output	
499		0

	user output	
4	499	©

Test 23

Verdict: ACCEPTED



	correct output	
0	•	↓

	user output	
0		O

Test 24

input	
425 225	O

