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Description

Water Taps

Program Description

When two taps are working together to fill an empty tank, you can calculate the time it takes to fill the tank using the concept of rates.

Tap A fill the tank in X minutes.

Tap B fill the tank in Y minutes.

Input Format

A single input containing two space-separated two integers.

Output Format

Display output according to the problem.

Constraints

1 <= A,B <= 100

Input-1

20
30

Output-1

12

Input-2

10
40

Output-2

8

C - GCC 11.1.0 ▾   ⏱ Timer   0:14 sec   🌙 ↻ ⛶

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```c
1   #include<stdio.h>
2   int main()
3   {
4       int x,y,z;
5       scanf("%d %d",&x,&y);
6       printf("%d",z=(x*y)/(x+y));
7       return 0;
8   }
```

</> Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	20 30	20 30	12	12	1408 KB	3.680 ms	Pass
2	10 40	10 40	8	8	1408 KB	2.620 ms	Pass

All hidden testcases passed

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