

My Maya

Owl Code



Apt Logic

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Points: 20

Submissions: 7345



Description

Can Cross the Bridge

Program Description

A mango weighs **X** kilograms and a truck weighs **Y** kilograms. A truck can cross the bridge safely with the weight of **Z** kilograms.

Find the maximum number of mangoes you can load in the truck so that you can cross the bridge safely.

It is guaranteed that $X \leq Y \leq Z$

Input Format

Single line input, contains three space-separated integers X,Y,Z.

Output Format

Print maximum number of mangoes you can load in the truck.

Constraints

$X \leq Y \leq Z$ $1 \leq X, Y, Z \leq 100$

Input-1

2
5
11

Output-1

3

Input-2

4
10
20

Output-2

4

Light

C - GCC 11.1.0 ▾



Timer

0:06 sec



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

 Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	2 5 11	2 5 11	3	3	1408 KB	3.588 ms	Pass
2	4 10 20	4 10 20	2	2	1408 KB	2.546 ms	Pass

All hidden testcases passed



Contact

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Light



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