

My Maya

Owl Code



Apt Logic

Logout



J-Path

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Points: 20

Submissions: 7345



Light



## 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

C - GCC 11.1.0



Timer

0:06 sec



Light

```
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

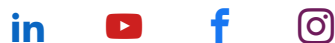


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