



STUDENT REPORT

DETAILS

Name

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Roll Number

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EXPERIMENT

Title

TRIO

Description

Problem Statement:

Imagine you have three magical crystals, each with a number on it: X, Y, and Z.

You're on a magical adventure where you pick two crystals from a table. Your goal is to find the highest sum you can get by choosing two of these magical crystals, using their numbers to create the most powerful combination.

Input Format:

The first line of input contains three space-separated integers X,Y and Z.

Output Format:

Print the highest possible sum of the numerals inscribed on the chosen two crystals.

Constraints:

$1 \leq X, Y, Z \leq 10^8$

Sample Input:

1 2 3

Sample Output:

5

Source Code:

```
def highest_sum(X, Y, Z):  
  
    sum_xy = X + Y  
    sum_xz = X + Z  
    sum_yz = Y + Z  
  
    return max(sum_xy, sum_xz, sum_yz)  
  
X, Y, Z = map(int, input().split())  
  
result = highest_sum(X, Y, Z)  
print(result)
```

RESULT

5 / 5 Test Cases Passed | 100 %