



# STUDENT REPORT

## DETAILS

### Name

N HARISHA

### Roll Number

TEMPBTech-ECE024

## 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_crystal_sum(X, Y, Z):  
    sum1 = X + Y  
    sum2 = Y + Z  
    sum3 = Z + X  
  
    return max(sum1, sum2, sum3)  
  
X, Y, Z = map(int, input().split())  
result = highest_crystal_sum(X, Y, Z)  
print(result)
```

## RESULT

5 / 5 Test Cases Passed | 100 %