Signing Key

You are tasked with developing a function that computes a unique "key" based on three given 4-digit numbers. The key is derived using a specific formula involving the digits of each number.

Task

Write a function that takes three inputs:

- 1000<=input1<=9999
- 1000<=input2<=9999
- 1000<=input3<=9999

The function should compute and return the key using the following formula

Key=Sum of Largest digits of each number+Sum of Second Largest digits of each number

Test Case 1

Inputs

- input1 = 3521
- input2 = 2452
- input3 = 1352

Output: 25
Explanation

Key = (5+5+5)+(3+4+3)=25

Test Case 2
Inputs

- input1 = 6341
- input2 = 7536
- input3 = 4213

Output: 30

Explanation

Key = (6+7+4)+(4+6+3)=30