Mini-Max Sum

Given five positive integers, find the <u>minimum</u> and <u>maximum</u> values that can be calculated by summing exactly four of the five integers. Then print the respective minimum and maximum values as a single line of two space-separated long integers.

Input Format

An array(NSArray) of integers(NSInteger).

Output Format

An array(NSArray) of integers(NSInteger) denoting the respective minimum and maximum values that can be calculated by summing exactly four of the five integers.

Sample Input

1 2 3 4 5
Sample Output

10 14
Explanation

Our initial numbers are 1, 2, 3, 4, and 5. We can calculate the following sums using four of the five integers:

1. If we sum everything except 1, our sum is 2 + 3 + 4 + 5 = 14.

2. If we sum everything except 2, our sum is 1 + 3 + 4 + 5 = 13.

3. If we sum everything except 3, our sum is 1 + 2 + 4 + 5 = 12.

4. If we sum everything except 4, our sum is 1 + 2 + 3 + 5 = 11.

5. If we sum everything except 5, our sum is 1 + 2 + 3 + 4 = 10.