**MINI-MAX SUM**

Given five positive integers, find the minimum and maximum 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.

Example:

The minimum sum is   and the maximum sum is . The function prints

16 24

Function Description

Complete the minMaxSum function with the following parameter(s):

* arr[5]: an array of 5 integers

Print

Print two space-separated integers on one line: the minimum sum and the maximum sum of  of  elements. No value should be returned.

Note For some languages, like C, C++, and Java, the sums may require that you use a long integer due to their size.

Input Format

A single line of five space-separated integers.

Constraints

Sample Input

1 2 3 4 5

Sample Output

10 14

Hints: Beware of integer overflow! Use a 64-bit integer to store the sums.