

# Min, Max and Sum

Time Limit : 1 sec, Memory Limit : 131072 KB

## Min, Max and Sum

Write a program which reads a sequence of  $n$  integers  $a_i (i = 1, 2, \dots, n)$ , and prints the minimum value, maximum value and sum of the sequence.

## Input

In the first line, an integer  $n$  is given. In the next line,  $n$  integers  $a_i$  are given in a line.

## Output

Print the minimum value, maximum value and sum in a line. Put a single space between the values.

## Constraints

- $0 < n \leq 10000$
- $-1000000 \leq a_i \leq 1000000$

## Sample Input

```
5
10 1 5 4 17
```

## Sample Output

```
1 17 37
```

Source: [https://onlinejudge.u-aizu.ac.jp/problems/ITP1\\_4\\_D](https://onlinejudge.u-aizu.ac.jp/problems/ITP1_4_D)