

Problem Sum

Your task is to write a program that sums up integers. Every integer is in the range $[-1000, 1000]$. There are at most 1000 integers.

Input

The input consists of one line containing all integers separated by a single space.

Output

The output contains only the sum.

Sample Input

```
1 52 1000 -9 323 -1000 -325
```

Sample Output

```
42
```