

EOF is a pain!

You have to take integer as a input untill EOF and finally output the sum of these intergers.

Input Format

Each line consist of one interger.

The entire file will be terminated by EOF.

Constraints

$$-10^4 \leq N \leq 10^4$$

It is guaranteed that,

$$\sum^{EOF} N \leq 10^9$$

Output Format

Just print the summation of all given integers.

Sample Input 0

```
1
2
3
4
```

Sample Output 0

```
10
```

Sample Input 1

```
1
2
3
4
5
6
7
8
9
```

Sample Output 1

```
45
```

