

Problem Statement

Tuples are a data structure like a list. The main difference is that tuples are immutable. Once created, tuples cannot be modified. This restricts their use because we cannot add, remove, or assign values. However, it gives us an advantage in space and time complexities.

A common tuple use is swapping two numbers:

```
a,b = b,a
```

Here a, b is a tuple, and it assigns itself the values of b, a .

Another awesome use of tuples is as keys in a dictionary. In other words, tuples are hashable.

Task

You are given an integer N on one line. The next line contains N space separated integers. Create a tuple of those N integers. Let's call it T .

Compute $hash(T)$ and print it.

Note: Here, `hash()` is one of the functions in the `__builtins__` module.

Input Format

The first line contains N . The next line contains N space separated integers.

Output Format

Print the computed value.

Sample Input

```
2
1 2
```

Sample Output

```
3713081631934410656
```