

Tuples

Tuples are data structures that look a lot like lists. Unlike lists, tuples are immutable (meaning that they cannot be modified once created). 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 the swapping of 2 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 a single line. The next line contains N space-separated integers. Create a tuple, T , of those N integers, then compute and print the result of $hash(T)$.

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

Input Format

The first line contains an integer, N (the number of elements in the tuple).
The second line contains N space-separated integers describing T .

Output Format

Print the result of $hash(T)$.

Sample Input

```
2
1 2
```

Sample Output

```
3713081631934410656
```