Security - Inverse of a function

Problem Statement

Consider a bijective function $f : X \to Y$ and define another function $g : Y \to X$ such that for $x \in X$ and $y \in Y$ if $f(x) = y$ then $g(y) = x$. Then, the function g is said to be the inverse function of f and is denoted as $g = f^{-1}$.

In this task, you'll be given an integer n and a bijective function $f : X \to X$ where $X = \{1, 2, 3, \ldots, n\}$. You'll have to output the inverse of f.

Constraints:

$1 \leq n \leq 20$

Input Format

There are 2 lines in the input. The first line contains a single positive integer n. The second line contains n space separated integers, the values of $f(1),\ f(2),\ f(3),\ \ldots,\ f(n)$ respectively.

Output Format

Output n lines. The i^{th} line should contain the value of $f^{-1}(i)$.

Sample Input

```
3
1 2 3
```

Sample Output

```
1
2
3
```

Explanation

This is basically the function $f(x) = x$. Hence it's the inverse of itself.