

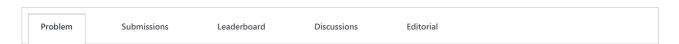
nachomonllor V

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Sequence Equation







You are given a sequence of n integers, $p(1), p(2), \dots, p(n)$. Each element in the sequence is distinct and satisfies $1 \le p(x) \le n$. For each x where $1 \le x \le n$, find any integer y such that $p(p(y)) \equiv x$ and print the value of y on a new line.

Input Format

The first line contains an integer, n, denoting the number of elements in the sequence. The second line contains n space-separated integers denoting the respective values of $p(1), p(2), \ldots, p(n)$.

Constraints

- $1 \le n \le 50$
- $1 \le p(x) \le 50$, where $1 \le x \le n$.
- · Each element in the sequence is distinct.

Output Format

For each x from 1 to n, print an integer denoting any valid y satisfying the equation $p(p(y)) \equiv x$ on a new line.

Sample Input 0

2 3 1

Sample Output 0

2 3 1

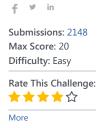
Explanation 0

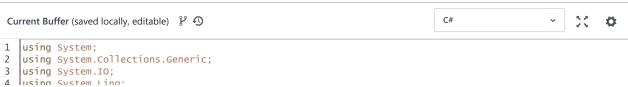
Given the values of p(1)=2, p(2)=3, and p(3)=1, we calculate and print the following values for each x from 1 to n:

1.
$$x=1\equiv p(3)=p(p(2))=p(p(y))$$
, so we print the value of $y=2$ on a new line.

2.
$$x=2\equiv p(1)=p(p(3))=p(p(y))$$
, so we print the value of $y=3$ on a new line.

3.
$$x=3\equiv p(2)=p(p(1))=p(p(y))$$
, so we print the value of $y=1$ on a new line.





```
משווש שאשרכייים,
 5
 6 ▼ namespace Solution {
 7 ▼ class Solution {
 8 ▼
         static void Main(string[] args) {
             /* Enter your code here. Read input from STDIN. Print output to STDOUT */
 9
             int n = int.Parse(Console.ReadLine());
10
                  int[] a = Array.ConvertAll(Console.ReadLine().Split(' '), e => int.Parse(e));
11
12
13
                  //3
// int[] a = { 2, 3, 1 };
for (int i = 1; i <= a.Length; i++)
14
15
16
17
                       //int pos = i+1;
18
                       int pos = Array.IndexOf(a, i)+1;
                      int indice_pos = Array.IndexOf(a, pos);
19
                      Console.WriteLine(indice_pos + 1);
20
21
                  }
22
23
24
25
                                                                                                            Line: 21 Col: 14
                      ☐ Test against custom input
                                                                                                  Run Code
                                                                                                              Submit Code
1 Upload Code as File
```

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