Problem: Sequence Equation:

You are given a sequence of integers, . Each element in the sequence is distinct and satisfies . For *each* where , find any integer such that and print the value of on a new line.

Input Format

The first line contains an integer, , denoting the number of elements in the sequence.
The second line contains space-separated integers denoting the respective values of .

Constraints

-
- , where .
- Each element in the sequence is distinct.

Output Format

For each from to , print an integer denoting any valid satisfying the equation on a new line.

Sample Input 0

```
3
2 3 1
```

Sample Output 0

```
2
3
1
```

Explanation 0

Given the values of , , and , we calculate and print the following values for each from to :

1. , so we print the value of on a new line.
2. , so we print the value of on a new line.
3. , so we print the value of on a new line.

Solution:

```
int main()
   {
      int n, value;
      cin>>n;
      int array[n];
      int separate[n];

      for(int i=1; i<=n; i++)
         {
           cin>>value;
           array[i]=value;
           separate[value]=i;
         }

      for(int i=1; i<=n; i++)
         {
            cout<<separate[separate[i]]<<endl;
         }

      return 0;
```

- Anshul Aggarwl