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;

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