

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

## H. Presents

time limit per test: 2 seconds  
memory limit per test: 256 megabytes  
input: standard input  
output: standard output

Little Petya very much likes gifts. Recently he has received a new laptop as a New Year gift from his mother. He immediately decided to give it to somebody else as what can be more pleasant than giving somebody gifts. And on this occasion he organized a New Year party at his place and invited  $n$  his friends there.

If there's one thing Petya likes more that receiving gifts, that's watching others giving gifts to somebody else. Thus, he safely hid the laptop until the next New Year and made up his mind to watch his friends exchanging gifts while he does not participate in the process. He numbered all his friends with integers from 1 to  $n$ . Petya remembered that a friend number  $i$  gave a gift to a friend number  $p_i$ . He also remembered that each of his friends received exactly one gift.

Now Petya wants to know for each friend  $i$  the number of a friend who has given him a gift.

### Input

The first line contains one integer  $n$  ( $1 \leq n \leq 100$ ) — the quantity of friends Petya invited to the party. The second line contains  $n$  space-separated integers: the  $i$ -th number is  $p_i$  — the number of a friend who gave a gift to friend number  $i$ . It is guaranteed that each friend received exactly one gift. It is possible that some friends do not share Petya's ideas of giving gifts to somebody else. Those friends gave the gifts to themselves.

### Output

Print  $n$  space-separated integers: the  $i$ -th number should equal the number of the friend who gave a gift to friend number  $i$ .

### Examples

input	Copy
4 2 3 4 1	
output	Copy
4 1 2 3	
input	Copy
3 1 3 2	
output	Copy
1 3 2	
input	Copy
2 1 2	
output	Copy
1 2	

### → Attention

The package for this problem was not updated by the problem writer or Codeforces administration after we've upgraded the judging servers. To adjust the time limit constraint, a solution execution time will be multiplied by 2. For example, if your solution works for 400 ms on judging servers, then the value 800 ms will be displayed and used to determine the verdict.

### Assiut University Training - Newcomers

Public

Participant



### → About Group



Group website

### → Group Contests

- Sheet #10 (General Hard)
- Sheet #9 (General medium)
- Sheet #8 (General easy)
- Sheet #7 (Recursion)
- Sheet #6 (Math - Geometry)
- Sheet #5 (Functions)
- Sheet #4 (Strings)
- Contest #3.1
- Sheet #3 (Arrays)
- Contest #2
- Sheet #2 (Loops)
- Contest #1
- Sheet #1 (Data type - Conditions)

### Sheet #8 (General easy).

Finished