Write a C program to implement the following requirement:

Input:

The program will read from the standard input the following:
1. An integer value **n** on the 1st line.
2. A list of **n** integer values on the 2nd line, each value is separated by a single white space.
3. An integer value **k** on the 3rd line.

Requirements:

Each integer value read from the 2nd line of the input must be stored into a node of a linked list using the following struct

```
struct NODE {
     int value;
     struct NODE *prev;
};
```

where **prev** is the pointer to the previous node in the linked list.

Your code needs to show the following implementation:
1. Adding node(s) to the linked list
2. Removing node from the linked list
3. Printing out the linked list

Output:

The program will print to the standard output the integer values in the linked list in the **OPPOSITE** order as they appear in the input after node at position **k** is removed (the first node in the list starts at position 0, the next node at position 1, etc.). The values are separated by a comma ",".

There will be 10 test cases, each worth 10 points.

SAMPLE INPUT

```
9
1 2 3 4 5 6 5 4 3
5
```

SAMPLE OUTPUT

```
3,4,5,5,4,3,2,1
```