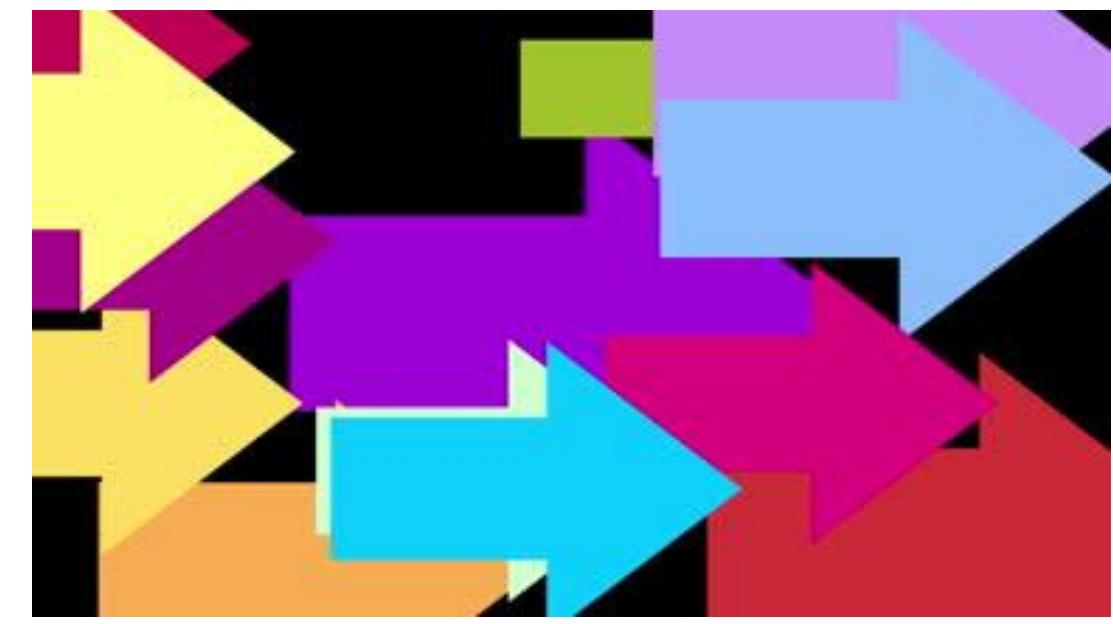


Problem D. Cyclic shift to the right

Cycle the elements of the list to the right (A [0] goes to A [1], A [1] to A [2], ..., the last element goes to A [0]).
Use as few assignments as possible.



Input data

A list of numbers is entered. All numbers in the list are on one line.

Output

Print the answer to the problem.

Examples of input data

hw: use only 1 array

1 2 3 4 5
 i-1=3 i=4
--->

output

5 1 2 3 4

1 → 2

```
void shiftVar(int x[], int length) {  
    int temp = 0;  
    int i = length - 1;  
    temp = x[length - 1];  
    printArray(x, length);  
    while (i >= 1) {  
        // i = 3 , i - 1 = 2, i + 1 = 4, temp = 5  
        x[i] = x[i - 1]; //  
        i--;  
    }  
    x[0] = temp;  
    printArray(x, length);  
}
```