Pointer_Level2_010

Given an array of random numbers, Push all the zero's of a given array to the end of the array. For example, if the given arrays is {1, 9, 8, 4, 0, 0, 2, 7, 0, 6, 0}, it should be changed to {1, 9, 8, 4, 2, 7, 6, 0, 0, 0, 0}. The order of all other elements should be same. Expected time complexity is O(n) and extra space is O(1).

Input Format

Input contains the size and values

Constraints

NIL

Output Format

Print the array

Sample Input 0

```
11
1 9 8 4 0 0 2 7 0 6 0
```

Sample Output 0

```
1 9 8 4 2 7 6 0 0 0 0
```