Problem statement

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You have been given an array/list ***'arr'*** consisting of ***'n'*** elements.

Each element in the array is either 0, 1 or 2.

Sort this array/list in increasing order.

Do not make a new array/list. Make changes in the given array/list.

Example :

```
Input: 'arr' = [2, 2, 2, 2, 0, 0, 1, 0]

Output: Final 'arr' = [0, 0, 0, 1, 2, 2, 2, 2]

Explanation: The array is sorted in increasing order.
```

Detailed explanation (Input/output format, Notes, Images)

Sample Input 1:

```
8
2 2 2 2 0 0 1 0
```

Sample Output 1:

```
0 0 0 1 2 2 2 2
```

Explanation of sample input 1 :

```
The initial array 'arr' is [2, 2, 2, 2, 0, 0, 1, 0].

After sorting the array in increasing order, 'arr' is equal to:
[0, 0, 0, 1, 2, 2, 2, 2]
```

Sample Input 2:

```
5
1 1 1 1 1
```

Sample Output 2:

```
1 1 1 1 1
```

Expected time complexity :

```
The expected time complexity is O(n).
```

Constraints:

```
1 <= 'n' <= 10 ^ 4
0 <= 'arr[i]' <= 2

Time limit: 1 second
```