

# Rainbow Sort

```
1 class Solution(object):
2     def rainbowSort(self, array):
3         """
4         input: int[] array
5         return: int[]
6         """
7         # write your solution here
8         left = 0
9         right = len(array) - 1
10        index = 0
11        while index <= right:
12            if array[index] == -1:
13                array[left], array[index] = array[index], array[left]
14                left += 1
15                index += 1
16            elif array[index] == 1:
17                array[right], array[index] = array[index], array[right]
18            else:
19                index += 1
20        return array
```