

Given a list of numbers (only 0s, 1s and 2s), sort the array in place such that all the 0s are to the left, 1s in the middle and the 2s to the right.

```
public void sortNumbers(int[] nums) {  
    int last = nums.length - 1;  
    int start = 0;  
    for(int i = 0; i < nums.length; i++){  
        while(nums[i] == 2 && i < nums.length - 1) {  
            nums[i] = nums[last];  
            nums[last--] = 2;  
        }  
        while(nums[i] == 0 && i > 0) {  
            nums[i] = nums[start];  
            nums[start++] = 0;  
        }  
    }  
}
```