```
void sortColors(int* nums, int numsSize) {
    int 1;
     int r;
    int index;
int tmp;
    1 = 0;
r = numsSize - 1;
     index = 0;
     while(index <= r)</pre>
          if(nums[index] == 0)
               tmp = nums[index];
               nums[index] = nums[1];
nums[1] = tmp;
if(index == 1)
                    index++;
          }else if(nums[index] == 2)
               tmp = nums[index];
nums[index] = nums[r];
nums[r] = tmp;
if(index == r)
                    index++;
         r--;
}else
{
               index++;
    }
     while(l<r)</pre>
    {
        nums[1] = 1;
        1++;
```