class Solution(object):

def majorityElement(self, nums):

"""

:type nums: List[int]

:rtype: int

"""

nums.sort()

count = 0

loc=0

while loc < len(nums)-1:

if nums[loc] == nums[loc+1]:

count += 1

loc += 1

else:

if count >= len(nums)//2:

return nums[loc]

else:

loc += 1

count = 0

return nums[loc]

return sorted(num)[len(num)/2]