**SOLUTION**

class Solution {

public:

int majorityElement(vector<int>& nums) {

int major=nums[0], count=1;

for(int n : nums){

if(n==major){

count++;

}

else if(--count==0){

major=n;

count=1;

}

}

return major;

}

};

**TIME COMPLEXITY: O(N)**

**SPACE COMPLEXITY: O(1)**