**SOLUTION**

class Solution {

public:

void moveZeroes(vector<int>& nums) {

int index=0;

for(int i=0;i<nums.size();i++){

if(nums[i]!=0){

nums[index++]=nums[i];

}

}

for(int j=index;j<nums.size();j++){

nums[j]=0;

}

}

};

**TIME COMPLEXITY: O(N)**

**SPACE COMPLEXITY: O(1)**