**SOLUTION**

class Solution {

public:

int singleNonDuplicate(vector<int>& nums) {

int l=0;

int r=nums.size()-1;

while(l<r){

int m=l+(r-l)/2;

if(m%2==0){

if(nums[m]==nums[m+1])

l=m+2;

else if(nums[m]==nums[m-1])

r=m-2;

else

return nums[m];

}

else{

if(nums[m]==nums[m-1])

l=m+1;

else

r=m-1;

}

}

return nums[l];

}

};

**TIME COMPLEXITY: O(logN)**

**SPACE COMPLEXITY: O(1)**