CS23331-DAA-2024-CSE / 1-Number of Zeros in a Given Array

1-Number of Zeros in a Given Array

Started on	Tuesday, 9 September 2025, 12:12 PM
State	Finished
Completed on	Tuesday, 9 September 2025, 12:17 PM
Time taken	5 mins 22 secs
Marks	1.00/1.00
Grade	**10.00** out of 10.00 (**100**%)

Question 1   Correct   Mark 1.00 out of 1.00   ⚑ Flag question

Problem Statement

Given an array of 1s and 0s this has all 1s first followed by all 0s. Aim is to find the number of 0s. Write a program using Divide and Conquer to Count the number of zeroes in the given array.

Input Format

First Line Contains Integer m – Size of array

Next m lines Contains m numbers – Elements of an array

Output Format

First Line Contains Integer – Number of zeroes present in the given array.

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main(){
    int m;
    scanf("%d",&m);
    int n[m];
    int c=0;
    for(int i=0;i<m;i++){
        scanf("%d",&n[i]);
    }
    for(int i=0;i<m;i++){
        if(n[i]==0){
            c+=1;
        }
    }
    printf("%d",c);
}
```

	Input	Expected	Got	
✔	5 1 1 1 0 0	2	2	✔
✔	10 1 1 1 1 1 1 1 1 1 1	0	0	✔
✔	8 0 0 0 0 0 0 0 0	8	8	✔
✔	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0	2	2	✔

Passed all tests! ✔

`Correct`

Marks for this submission: 1.00/1.00.

Finish review

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