2-Majority Element -



CS23331-Design and Analysis of Algorithms-2023 Batch-CSE

→ 5-G-Product of Array elements-Minimum

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Started on Friday, 18 October 2024, 1:42 PM
                  State Finished
      Completed on Friday, 18 October 2024, 1:43 PM
          Time taken 1 min 7 secs
                Marks 1.00/1.00
                 Grade 10.00 out of 10.00 (100%)
                          Problem Statement
Correct
                          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.
Mark 1.00 out of 1.00
                            First Line Contains Integer m – Size of array
Next m lines Contains m numbers – Elements of an array
P Flag question
                         Output Format
First Line Contains Integer – Number of zeroes present in the given array.
                          Answer: (penalty regime: 0 %)
                                    #include<stdio.h>
int count=0;
void find_major(int *arr, int 1 ,int h)
                                          int m=(1+h)/2;
find_major(arr,1,m);
find_major(arr,m+1,h);
                                         int n;
scanf("%d",%n);
int arr[n];
for(int i=0;i<n;i++)
    scanf("%d",%arr[i]);
find_major(arr,0,n-1);
printf("%d",count);</pre>
                                    Input Expected Got
                                   10
                           Passed all tests! 🗸
```