| | **Marwadi University** <br> **Faculty of Technology** <br> **Department of Information and Communication Technology** | |
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| **Sem : 4** | **Name : VEDANT BHARAD** | |
| **Day : 105** | **Date : 30/1/2023** | **Enrollment No: 92100133023** |

# CP Club 365 Days Challenge

**Programming language – Python**

# Problem Statement

https://practice.geeksforgeeks.org/problems/majority-element-1587115620/0
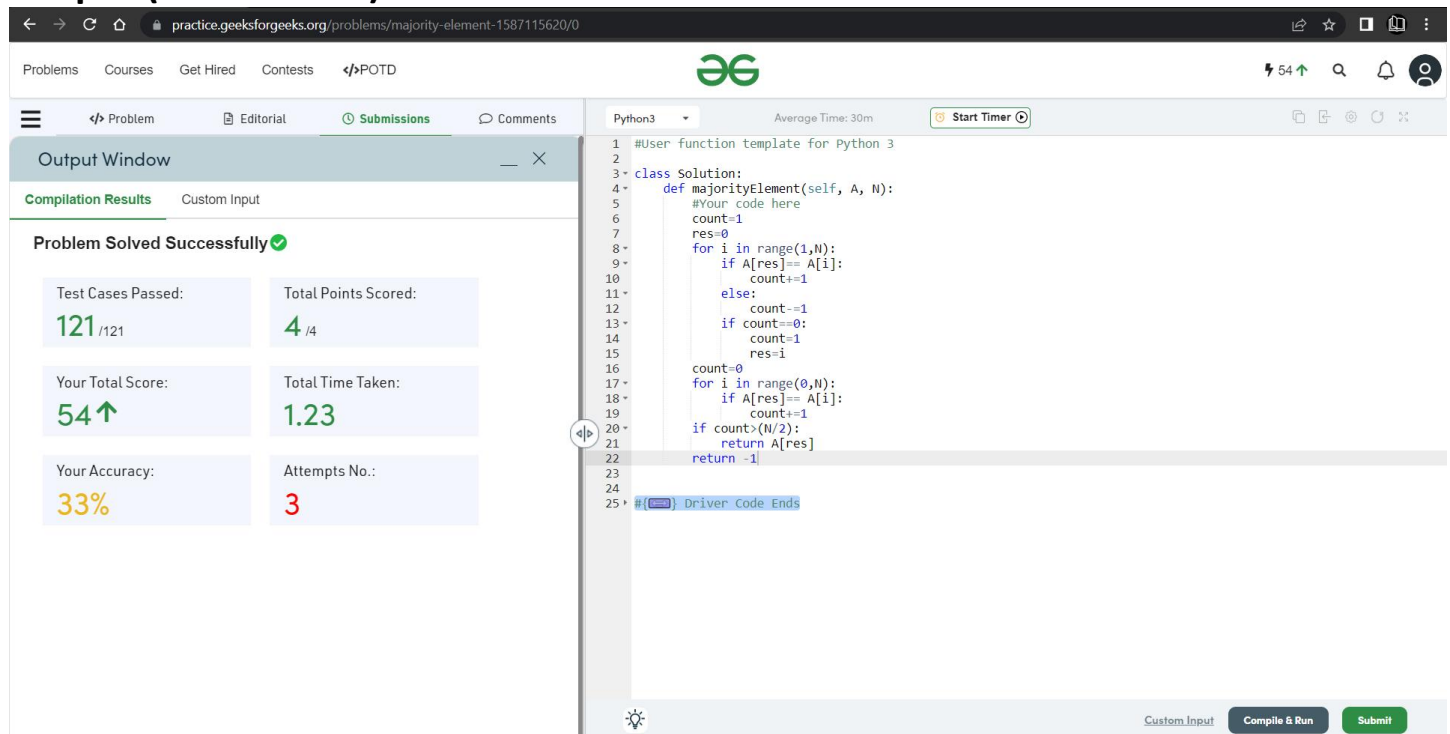
Git :- https://github.com/Vedantbharad2603/CP_club_365_Days

**Your Code**:

```python
def majorityElement(self, A, N):
    #Your code here
    count=1
    res=0
    for i in range(1,N):
        if A[res]== A[i]:
            count+=1
        else:
            count-=1
        if count==0:
            count=1
            res=i
    count=0
    for i in range(0,N):
        if A[res]== A[i]:
            count+=1
    if count>(N/2):
        return A[res]
    return -1
```

**Output (Screen Shot)**:

**Understanding about problem:**

- In this task I need to find number which is appears more then N/2 time and return that number if there is no any number found which is appears more then N/2 time then return -1.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

## ALL THE BEST

Team CP Club