

Majority Element

```
#include<stdio.h>

int main()
{
    int i,j,n,count,comp=0,output;
    printf("Array length: ");
    scanf("%d",&n);
    int arr[n];
    for(i=0;i<n;i++)
    {
        scanf("%d",&arr[i]);
    }
    for(i=0;i<n;i++)
    {
        count = 0;
        for(j=0;j<n;j++)
        {
            if(arr[i]==arr[j])
            {
                count++;

                if(comp<count)
                {
                    comp=count;
                }
            }
        }
        if(comp>(n/2))
        {
            output=1;
        }
    }
}
```

```
    }  
    else  
        output=-1;  
  
    }  
  
    }  
}  
printf("%d",output);  
}
```