

## GURUJI'S LOVE

This problem can be simply done by adding all the array values present at odd indices and storing it in a variable, and adding all the values present at even indices and storing it in an another variable. Now take the absolute difference of the two variables and print the answer.

Time Complexity-  $O(n)$

```
#include<bits/stdc++.h>

using namespace std;

int main()
{
    int n;
    cin>>n;
    long long a[n]={};
    for(int i=0;i<n;i++)
        cin>>a[i];
    long long gaitonde=0,batya=0;
    for(int i=0;i<n;i++)
    {
        if(i%2==0)
            gaitonde+=a[i];
        else
            batya+=a[i];
    }
    cout<<abs(gaitonde-batya);
}
```