

EVEN AND ODD

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Explanation:

In this problem the only thing which you have to take care of, is to prevent overflow of the variables storing the sum of even and odd elements.

You can do this by declaring the variables datatype as long or long long.

Code:

```
#include<stdio.h>
#include<time.h>
typedef long long ll;
int main()
{
    ll n,i,even=0,odd=0,temp,ans=0;
    scanf("%lld",&n);
    for(i=0;i<n;i++){
        scanf("%lld",&temp);
        if(temp%2==0){
            even+=temp;
        }
        else{
            odd+=temp;
        }
    }
    printf("%lld %lld\n",even,odd);
    ans=abs(even-odd);
    printf("%lld",ans);
}
```

Time Complexity: $O(n)$