Given an integer array of size N. Write Program to find sum of positive square elements in the array.

Sample input 1:

4

1 2 3 4

Sample output 1:

30

Explanation :

(1 + 4 + 9 + 16) = 30

Sample input 2:

4

-1 -2 -3 -4

Sample output 2:

30

Explanation :

(1 + 4 + 9 + 16) = 30

Solution :

C

```c
#include <stdio.h>


long long int SumOfSquare(int  *arr,int n)

{

    long long int sum = 0;

    for(int i = 0 ; i<n ; i++)

    {

        sum = sum + arr[i]*arr[i];

    }

    return  sum;

}

int main()

{

    int n;        scanf("%d",&n);

    int arr[n];

    for(int i = 0 ; i<n ; i++)

    {

        scanf("%d",&arr[i]);

    }

    printf("%lld",SumOfSquare(arr,n));

    return  0;

}
```

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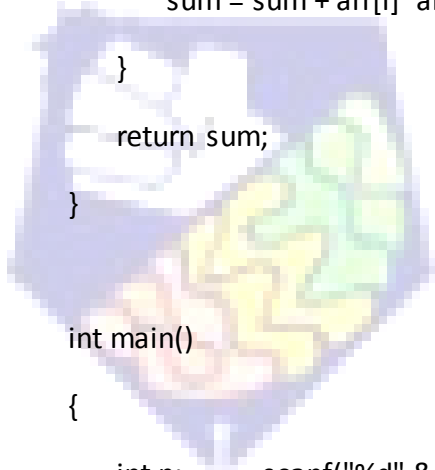
```cpp
#include <bits/stdc++.h>

using namespace std;


long long int SumOfSquare(int  arr[],int n)

{

    long long int sum = 0;

    for(int i = 0 ; i<n ; i++)

    {

        sum = sum + arr[i]*arr[i];

    }

    return sum;

}


int main()

{

    int n;       cin>>n;

    int arr[n];

    for(int i = 0 ; i<n ; i++)

    {

        cin>>arr[i];

    }

    cout<<SumOfSquare(arr,n);

    return 0;

}
```
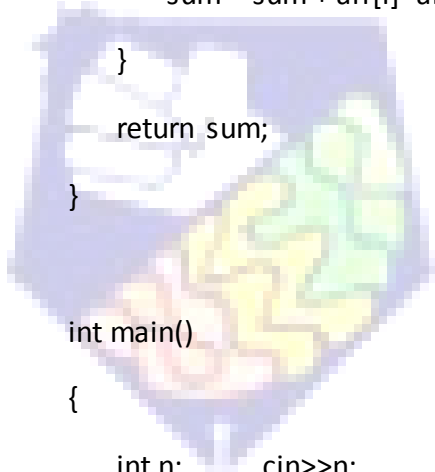
JAVA

```java
import java.util.*;

import java.lang.*;

import java.io.*;

class Main
{
    static long SumOfSquare(int arr[],int n)
    {
        long sum = 0;

        for(int i = 0 ; i<n ; i++)
        {
            sum = sum + arr[i]*arr[i];
        }
        return sum;
    }
    public static void main(String[] args) throws java.lang.Exception
    {
        Scanner sc = new Scanner(System.in);

        int n = sc.nextInt();

        int arr[] = new int[n];

        for(int i = 0 ; i<n ; i++)
        {
            arr[i] = sc.nextInt();
        }
        System.out.print(SumOfSquare(arr,n));
```
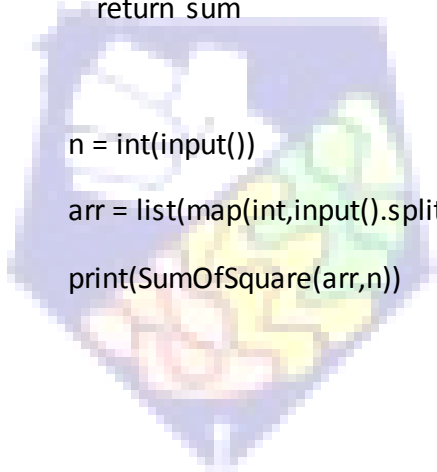
```
    }

}
```

PYTHON

```python
def SumOfSquare(arr,n):

    sum = 0

    for i in range(0,n):

        sum = sum + arr[i]*arr[i]

    return sum


n = int(input())

arr = list(map(int,input().split(' ')))

print(SumOfSquare(arr,n))
```