# The program to find the sum of perfect square elements in an array is discussed here. An array is given as input and the sum of all the perfect square elements present in the array is produced as output.

# For example, consider the array Input: arr = {1, 2, 3, 4, 5, 9} The perfect squares are 1, 4, 9. Sum = 1 + 4 + 9 = 14 Output: 14

## **Example 1:**

## **Input:** 4 5 9 16 25 **Output:** 50

## **Input Format** The first line consists of array size Second-line consists of an array of elements

## **Output Format** Display sum value

Given below java code

import java.util.\*;

class SumOfperfactQuare

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

int[] a=new int[n];

int i,j,k,sum=0;

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

{

a[i]=sc.nextInt();

if(Math.sqrt(a[i]) == Math.floor(Math.sqrt(a[i])))

{

sum=sum+a[i];

}

}

System.out.println(sum);

}

}