



codechef.com/signup



prajna123



praj nabhandary15@gmail.com

☒ Female ☐ Male ☐ Other

undefined, Karnataka, India

☒ Student ☐ Professional ☐ Other

Alvas Institute of Engineering and



2020 ▼

C(gcc 6.3) ▼

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# CodeChef was created as a platform

# Code, Compile & Run

ide x +

C++14 (gcc 6.3) [info] [upload] [edit] [run]

```
1 #include <stdio.h>
2 #include <math.h>
3 int isperfectsquare(int number)
4 {
5     int ivar;
6     float fvar;
7     fvar=sqrt((double)number);
8     ivar=fvar;
9     if(ivar==fvar)
10        return number;
11    else
12        return 0;
13 }
14 int main()
15 {
16     int n;
17     scanf("%d",&n);
18     int arr[n];
19     int i;
20     for(i=0;i<n;i++)
21     {
22         scanf("%d",&arr[i]);
23     }
24     int sum=0;
25     for(i=0;i<n;i++)
26     {
27         sum=sum+isperfectsquare(arr[i]);
28     }
29     printf("%d",sum);
30 }
```

11:13 [run]

Open File

✓ Custom Input

Run

Custom Input

```
4
1 4 9 16
```

Status Successfully executed Date 2020-06-10 06:12:54 Time 0 sec Mem 15.232 kB

x



Input




```
4
1 4 9 16
```

Output


```
30
```

# Code, Compile & Run

ide  

C++14 (gcc 6.3)    

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11.13 


Open File

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Custom Input

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Input

4  
1 4 9 16

Output

30

Program to find sum of positive square elements in an array.

Algorithm:

1. Start
2. Input the number of elements of the array
3. Input the array elements
4. Initialize  $\text{sum} = 0$
5. Check if the array elements is a perfect square.
6. If it is a perfect square,  $\text{sum} = \text{sum} + \text{num}$
7. Return sum
8. Stop.

Flow chart:

