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## Code, Compile &amp; Run

File

C/C++

0

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x

```

1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int n, i;
6     print("Enter the value of n:");
7     scanf("%d", &n);
8     while(n--)
9     {
10         sum += n * n;
11     }
12     print("Sum of squares of numbers is %d", sum);
13 }
14
15
16

```

Run

Open File

Custom Input

Run

Custom Input

123

Status: Successfully executed Date: 2020-06-11 04:01:16 Time: 0 sec Mem: 9.424 kb

Input

123

Output

```

Enter the value of n:
Sum of squares of numbers is 627374

```

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The time now is 04:01:16  
Date: 2020-06-11

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Shuvam MS  
HALI 915050  
'F' section

C program to find sum of positive square elements  
in an array Algorithm

Step 1: Start

Step 2: Input  $n$

Step 3:  $i = 0, \text{sum} = 0$

Step 4: while ( $i \leq n$ )

Step 4.1  $\text{sum} = \text{sum} + i^2$

Step 4.2:  $i++$

Step 5: print sum of squares of numbers

Step 6: Stop

flowchart

