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1] C-program to find sum of the partition square elements.

= Algorithm

1) Start

Step 2 :- $Sum = 0$

Step 3 :- Input n

Step 4 :- Repeat through Step 4
For ($i = 0; i < n; i++$)
input $a[i]$

Step 5 :- Repeat through step 5
for ($i = 0; i < n; i++$)

5.1 :- $flag = 0$

5.2 :- Repeat through step 5.2
for ($j = 1; j < a[i]; j++$)
 $i + (j * j) = a[i]$

$flag++$
 $break;$

5.3 :- if ($flag > 0$)
 $sum = sum + a[i]$

Step 6 :- Print sum

Step 7 :- Stop

