```c
#include<stdio.h>
#include<stdlib.h>



int main()
{
    int a[50],n,i,sum=0,flag;
    printf("enter size:");
    scanf("%d",&n);
    printf("enter the array elements:");
    for(i=0;i<n;i++)
       scanf("%d",&a[i]);
    for(i=0;i<n;i++)
    {
        flag=0;
        for(int j=1;j<a[i];j++)
        {
          if((j*j)==a[i])
          {
            flag++;
            break;
          }
        }
        if(flag>0)
          sum=sum+a[i];
    }
    printf("sum of all positive square elments
      sum);
    return 0;
}
```

```
ude<stdio.h>
ude<stdlib.h>



ain()

nt a[50],n,i,sum=0,flag;
rintf("enter size:");
canf("%d",&n);
rintf("enter the array elements:");
or(i=0;i<n;i++)
  scanf("%d",&a[i]);
or(i=0;i<n;i++)

   flag=0;
   for(int j=1;j<a[i];j++)
   {
     if((j*j)==a[i])
     {
       flag++;
       break;
     }
   }
   if(flag>0)
     sum=sum+a[i];

rintf("sum of all positive square elments=%d",
 sum);
eturn 0;
```

INPUT

If your program needs any run time inputs, please add it here. Use new lines for more than one input.

6
2
4
9
10
-9
16

Show Always Save Input

CANCEL RUN

```
enter size:enter the array
elements:sum of all positive square
elments=29
```

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Algorithm

1) Start
2) Sum=0
3) Input n
4) Repeat through step 4
   for(i=0; i<n; i++)
      input a[i]
5) Repeat thorough step 5
   for(i=0; i<n; i++)
   5.1 flag = 0
   5.2 Repeat thorough step 5.2
      for(j=1; j<a[i]; j++)
      if(j*j)==a[i])
         flag++
         break
   5.3 if(flag>0)
      Sum = Sum + a[i]
6) Print Sum
7) End.

Flowchart