

***GAYATHRI***

***4AL19CS035***

## Algorithm

Step 1 : Start

Step 2 : Input  $n$

Step 3 :  $sum = 0$

Step 4 : Display Enter the array elements  
for ( $i = 0; i < n; i++$ )  
Input  $a[i]$

Step 5 : Display Square of Elements  
for ( $i = 0; i < n; i++$ )

Square =  $\text{pow}(a[i], 2)$ ;

output Square

Step 6 : for ( $i = 0; i < n; i++$ )

Sum =  $sum + \text{pow}(a[i], 2)$ ;

Step 7 : Display Sum of Square of Elements  
output Sum

Step 8 : Stop

# Flowchart

