**TO FIND THE SUM OF ELEMENTS IN GIVEN ARRAY**

**AIM:**

To write a c program to find the sum of the array.

**ALGORITHM:**

1. START
2. Read the numbers in array called A
3. Set i=0 and sum=0
4. Repeat step 4 and 5 till i<n (where n is the size)
5. Calculate sum = sum+a[i]
6. i=i+1
7. print the sum value

**SOURCE CODE:**

#include<stdio.h>

#include<conio.h>

void main(){

int a[100],i,n,sum=0;

printf("Enter the no. of elements=");

scanf("%d",&n);

for(i=0;i<n;i++) scanf("%d",&a[i]);

for(i=0;i<n;i++) sum += a[i];

printf("The sum of the array is %d",sum);

getch();

}

**OUTPUT:**

Enter the no. of elements=5

5

4

3

2

1

The sum of the array is 15