**ENTER 5 ELEMENTS IN THE LIST AND DISPLAY SUM OF DIGITS OF EACH ELEMENT.**

**#include<iostream>**

**using namespace std;**

**main()**

**{**

**int n,i,a[100],sum;**

**cout<<"enter the no of array elements:";**

**cin>>n;**

**for(i=0;i<n;i++)**

**{**

**cin>>a[i];**

**}**

**cout<<"the sum of array is: "<<endl;**

**sum=0;**

**for(i=0 ; i<n ; i++)**

**{**

**sum=sum+a[i];**

**}**

**cout<<"sum= "<<sum<<"";**

**}**