

```

//Find sum and avarage of user input numbers with array and forloop .
#include <stdio.h>
int arr[50]; // define an integr array can carry 50 elements
int counter=0,i,sum=0; //define counter,i,sum, are int type global variables.
float avg; //avg is float type global variable
int main()
{
    printf("PROGRAMM FOR FIND SUM AND AVARAGE\n"); //display the application name on console
    while(1){

        printf("Enter number of Elements\n"); //ask user to enter the number of elements.
        scanf("%d",&counter); //store the user input to counter variable.
        {

        }

        printf("Enter the values of Elements\n"); //ask user to enter the value elements.
        for(i=0;i<counter;i++) //loop for iterate scanf function count numbers.
        {
            scanf("%d",& arr[i]); //store the values to array index 0 to last index
        }
        {
            printf("Number of elements are = %d\n",counter); //display the value of counter variable
        }
        for (int i=0;i<counter;i++) //add the value of index 0 to index n in the array and find the sum
        {
            {
                sum = sum + arr[i]; //add the entire value of elements and save to sum variable.
                avg = (float)sum/counter; //type cast the result and store to variable avg
            }

        }

        printf("Sum = %d\n",sum); //display the value of sum.
        printf("The avarage = %.3f \n",avg); //display the value avarage.
        printf("-----\n");
    }
}
return 0;
}

```