1.Addition of array element

# include<stdio.h>

void sum(int arr[],int n);

void main(){

int arr[100],n,i;

printf("enter the size of array\n");

scanf("%d",&n);

printf("before addition of array\n");

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

{

scanf("%d",&arr[i]);

}

sum(arr,n);

}

void sum(int arr[],int n)

{

int i,sum=0;

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

{

sum=sum+arr[i];

}

printf("the sum : = %d",sum);

}

2.array sorting

#include<stdio.h>

void main(){

int arr[5],temp;

printf("enter the number\n");

for (int i = 0; i < 5; i++)

{

scanf("%d",&arr[i]);

}

for (int i = 0; i < 5; i++)

{

for (int j = i+1; j < 5; j++)

{

if(arr[i]>arr[j])

{

temp=arr[i];

arr[i]=arr[j];

arr[j]=temp;

}

}

}

printf("sorting\n");

for (int i = 0; i < 5; i++)

{

printf("%d\t",arr[i]);

}

}

3.sum of odd number in array

# include<stdio.h>

void main(){

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

printf("enter the size of array\n");

scanf("%d",&n);

printf("enter the number\n");

for ( i = 1; i <= n; i++)

{

scanf("%d",&arr[i]);

}

for ( i = 1; i <= n; i++)

{

if (arr[i]%2!=0)

{

sum=sum+arr[i];

}

}

printf("the sum of odd number \n%d",sum);

}

4.find largest number in array

#include <stdio.h>

int max(int arr[], int size);

void main()

{

int arr[10], n, i, k;

printf("enter the array size\n");

scanf("%d", &n);

printf("enter the number\n");

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

{

scanf("%d", &arr[i]);

}

k = max(arr, n);

printf("the largest number is %d", k);

}

int max(int arr[], int size)

{

int i, max = 0;

for (i = 0; i < size; i++)

{

if (arr[i] > max)

{

max = arr[i];

}

}

return max;

}