**BUBBLE SORT IN ARRAY**

#include<iostream.h>

#include<conio.h>

void bubblesort(int[],int);

void main ()

{int ar[50],item,n,index;

cout<<"how many elements you want to insert in array ? ";

cin>>n;

cout<<"\n enter array elements \n";

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

cin>>ar[i];

bubblesort(ar,n);

cout<<"\n\n the sorted array is as shown as shown below \n";

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

cout<<ar[i]<<" ";

cout<<endl;

getch();}

void bubblesort (int ar[],int size)

{int tmp,ctr=0 ;

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

{for(int j=0;j<(size-1)-i;j++)

{if (ar[j]>ar[j+1] )

{ tmp=ar[j];

ar[j]=ar[j+1];

ar[j+1]=tmp; }}

cout<<"array after iteration-"<<++ctr<<"-is= ";

for(int k=0;k<size;k++)

cout<<ar[k]<<" ";

cout<<endl; }}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*OUTPUT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*