**SELECTION SORT IN ARRAY**

#include<conio.h>

#include<iostream.h>

#include<limits.h>

void insort(int[],int);

void main()

{int ar[30],item,n,index;

cout<<"how many elements do u want to create array with?";

cin>>n;

cout<<"\nEnter array elements";

for(int i=1;i<=n;i++) {cin>>ar[i];}

insort(ar,n);

cout<<"\n\nthe sorted array is as shown above…\n";

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

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

cout<<endl;}

void insort(int ar[],int size)

{int tmp,j;

ar[0]= INT\_MIN;

for(int i=1;i<=size;i++)

{tmp=ar[i];

j=i-1;

while(tmp<ar[j])

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

j--;}

ar[j+1]=tmp;

cout<<"array after pass-"<<i<<"-is: =";

for(int k=1;k<=size;k++)

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

cout<<endl;}

getch();}

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