**DELETION IN ARRAY**

#include<iostream.h>

#include<conio.h>

#include<process.h>

int Lsearch(int[],int ,int );

void main()

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

cout<<"\n How many elements do you want to create array with?(max50)...";

cin>>n;

cout<<"\n Enter the array elements \n";

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

cin>>ar[i];

char ch='y';

while(ch=='y'||ch=='Y')

{cout<<"\n Enter element to be deleted...";

cin>>item;

if(n==50)

{cout<<"Underflow!!\n";exit(1);}

index=Lsearch(ar,n,item);

if(index!=-1)

ar[index]=0;

else

cout<<"\n sorry!!no such element found\n";

cout<<"The array is now shown below....\n";

cout<<"(0) signifies deleted element \n" ;

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

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

cout<<"\n";

cout<<"After this emptied space will be shifted to the end of array \n";

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

{ar[i]=ar[i+1];}

n-=1;

cout<<"\n Want to delete more element?(y/n)....";

cin>>ch;}

cout<<"The array after shifting all empty space toward right is.....\n";

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

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

cout<<endl;

getch();}

int Lsearch(int ar[], int size,int item)

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

{ if(ar[i]==item)

return i;

}

return -1;

}

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