Q.1 Write a venue driven to do operation on array 1. Insert the new element at end as well as at given position .2. .Delete an element from a given array whose value is given or position is given.3. To find the location of a given element. 4.To display the element of the linear array.

Answere:

#include<iostream>

using namespace std;

main(){

int n,i,position,choice;

float arr[100],new1;

char put='y';

cout<<"Expirement no 1:"<<endl;

cout<<"Enter the choices of operation:\n1.Insert the new element at end as well as at given position .";

cout<<"\n2.Delete an element from a given array whose value is given or position is given.";

cout<<"\n3.To find the location of a given element .";

cout<<"\n4.To display the element of the linear array.";

cout<<"\n\n\nEnter the width of array: ";

cin>>n;

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

cout<<"enter the arr["<<i<<"] element: ";

cin>>arr[i];

}

while(put=='y'){

cout<<"enter the choices :";

cin>>choice;

switch(choice){

case 1:cout<<"insert the new element at end as well as at given position please enter the position & new element ";

cin>>position>>new1;

for(i=n-1;i>=position;i--){

arr[i+1]=arr[i];

}

arr[position]=new1;

n=n+1;

cout<<"press y to continue and n to disconitnute:";

cin>>put;

break;

case 2:

cout<<"Insert the position from where the element to delete : ";

cin>>position;

for(i=position;i<n;i++){

arr[i]=arr[i+1];

}

n=n-1;

cout<<"press y to continue and n to disconitnute:";

cin>>put;

break;

case 3:

cout<<"location of new element "<<new1<<" is : "<<position<<endl;

cout<<"press y to continue and n to disconitnute:";

cin>>put;

break;

case 4 :

cout<<"elements: ";

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

cout<<arr[i];

}

cout<<endl;

cout<<"press y to continue and n to disconitnute:";

cin>>put;

break;

default:

cout<<"Oops something went wrong !!!!!!!!!!!!!!!";

cout<<"press y to continue and n to disconitnute:";

cin>>put;

break;

}

}

}