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#include <iostream>

using namespace std;

const int maxsize = 100;

void NhapMang( int \*a, int n)

{

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

cin >> a[i];

}

void XuatMang( int \*a, int n)

{

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

cout << a[i] <<" ";

cout << endl;

}

//

int \*DiaChi( int \*a, int n, int x)

{

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

if ( a[i] == x)

return &a[i];

return NULL;

}

int main ()

{

int \*a;

int n,x;

do { cout <<" Nhap vao so phan tu thuc te lam viec: ";

cin >> n;

if ( n <= 0 || n > maxsize)

cout <<" Nhap sai. Nhap lai\n";

} while (n <= 0 || n > maxsize);

a = new int [n];

// Nhap mang

cout <<" Nhap gia tri: ";

NhapMang( a, n);

// Xuat mang

cout <<" Mang da nhap la: ";

XuatMang( a, n);

// Kiem tra X co ton tai hay khong

cout <<" Ban muon tim gia tri nao: ";

cin >> x;

int \*kq = DiaChi(a, n, x);

if ( DiaChi(a, n, x)== NULL)

cout << x <<" khong co trong mang\n";

else

cout << x <<" ton tai trong mang tai vi tri " << (int(kq)-int(&a[0]))/4 << endl;

system("pause");

return 0;

}