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// BTTH LAB5 bai tap 5

#include <iostream>

#include <cctype>

using namespace std;

const int maxsizesach = 21;

struct NTN

{

int ngay;

int thang;

int nam;

};

struct Sach

{

char Tensach[maxsizesach];

char Tacgia[maxsizesach];

NTN NTNXB;

};

void Nhap1sach(Sach & a)

{

cin.ignore();

cout <<" Nhap ten sach: ";

cin.getline( a.Tensach, maxsizesach);

cout << " Nhap ten tac gia: ";

cin.getline( a.Tacgia, maxsizesach);

cout << " Nhap vao ngay thang nam xuat ban: ";

cin >> a.NTNXB. ngay >> a. NTNXB. thang >> a.NTNXB.nam;

}

void NhapDanhSachSach( Sach dss[], int n)

{ int i;

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

{

cout << " SACH THU " << i + 1 << " :\n";

Nhap1sach(dss[i]);

}

}

void Xuat1sach(Sach a)

{

cout << "Ten sach: " << a.Tensach << endl;

cout << " Ten tac gia: " << a.Tacgia << endl;

cout << " Ngay thang nam xuat ban: " << a.NTNXB.ngay << "/" << a.NTNXB.thang << "/" << a.NTNXB.nam << endl;

}

int main()

{

const int maxsize = 50;

Sach dss[ maxsize];

int n;

int dem = 0;

do {

cout << " Nhap so luong sach: ";

cin>> n;

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

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

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

NhapDanhSachSach( dss, n);

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

{

if (!strcmp (dss[i].Tacgia,"Tran Dung"))

{

dem++;

if ( dem ==1)

{

cout << "Tac gia Tran Dung: \n";

cout <<"Sach thu " << dem << "\n";

Xuat1sach (dss[i]);

}

else

{

cout << " Sach thu " << dem << "\n";

Xuat1sach( dss[i]);

}

}

if (dem == 0)

cout << "Tac gia Tran Dung khong co: \n";

}

system("pause");

}