#include"portal.h"

#include<fstream>

#include<iostream>

using namespace std;

#include<conio.h>

class FileioOperations

{

public :

static void writeRecords()

{

char wish;

fstream fs;

CPlacement cp;

fs.open("PortalData.dat", ios::out | ios::binary);

do

{

cp.accept();

fs.write((char\*)&cp, 1 \* sizeof(CPlacement));

cout << "Do you want to add mre records";

cin >> wish;

} while (wish == 'y' || wish == 'Y');

fs.close();

}

static void ReadRecord()

{

fstream fs;

CPlacement cp;

fs.open("PortalData.dat", ios::in | ios::binary);

while (fs.read((char\*)&cp, 1 \* sizeof(CPlacement)))

{

cp.display();

}

fs.close();

}

static bool searchRandom(char \*PRN)

{

fstream fs;

CPlacement cp;

fs.open("PortalData.dat", ios::in | ios::binary);

while (fs.read((char \*)&cp, 1 \* sizeof(CPlacement)))

{

if (strcmp(cp.getPRN(),PRN))

{

cp.display();

fs.close();

return true;

}

}

fs.close();

return false;

}

};

int main()

{

int ch;

char wish;

do

{

cout << "1.WRITE 2.READ 3.SEARCH 4.EXIT" << endl;

cout << "Enter choice : " << endl;

cin >> ch;

switch (ch)

{

case 1:FileioOperations::writeRecords(); break;

case 2:FileioOperations::ReadRecord(); break;

case 3:

char PRN[20];

bool result;

cout << "Enter Prn :";

cin >> PRN;

result=FileioOperations::searchRandom(PRN);

if (result)

cout << "found..";

else

cout << "Not found.. ";

break;

case 4:exit(0);

}

cout << "\nDo you want to continue : [y/Y] : ";

cin >> wish;

} while (wish=='y'||wish=='Y');

\_getch();

return 0;

}