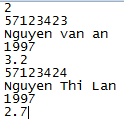
Ví dụ file dữ liệu



#include <iostream>

#include<string>

#include<fstream>

#include<vector>

using namespace std;

ifstream f("D:/Bai giang/Lap trinh HDT C++/dulieuSV.txt");

class SINHVIEN

{

string mssv, hoten;

int namsinh;

float dtb;

public:

~SINHVIEN()

{

}

void Nhap(){

string s;

getline(f, s); mssv = s;

getline(f, s); hoten = s;

getline(f, s); namsinh = atoi(s.c\_str());

getline(f, s); dtb = stof(s.c\_str());

}

void Xuat()

{

cout << "MSSV: " << mssv << endl;

cout << "hoten: " << hoten << endl;

cout << "nam sinh: " << namsinh << endl;

cout << "diem tb: " << dtb << endl;

cout << "Xep loai: ";

XepLoai();

}

void XepLoai()

{

if (dtb < 5) cout << "Kem" << endl;

else if (dtb >= 5 && dtb < 7) cout << "trung binh" << endl;

else if (dtb >= 7 && dtb < 8) cout << "kha" << endl;

else if (dtb >= 8 && dtb < 9) cout << "gioi" << endl;

else cout << "xuat sac" << endl;

}

};

class DSSV {

int n; vector<SINHVIEN> ds;

public:

void NhapDS() {

if (f.fail())

cout << "Failed to open this file!" << endl;

else {

string s;

getline(f, s); n = atoi(s.c\_str());

ds.resize(n); cout << n << endl;

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

ds[i].Nhap();

}

}

f.close();

}

void XuatDS() {

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

ds[i].Xuat();

}

}

};

//thao tác file https://bugs.vn/5411

int main() {

DSSV ds;

ds.NhapDS();

ds.XuatDS();

system("pause");

}