// Member2\_FileHandling.cpp

#include <iostream>

#include <fstream>

#include <vector>

#include "Student.h"

using namespace std;

class FileHandler {

public:

static void saveToFile(const vector<Student>& students) {

ofstream fout("students.txt");

if (!fout) {

cerr << "Error opening file for writing!" << endl;

return;

}

for (const auto& s : students) {

fout << s.rollNumber << "," << s.name << "," << s.department << ","

<< s.gpa << "," << s.contact << endl;

}

fout.close();

}

static vector<Student> loadFromFile() {

vector<Student> students;

ifstream fin("students.txt");

if (!fin) return students;

Student temp;

while (getline(fin, temp.rollNumber, ',')) {

getline(fin, temp.name, ',');

getline(fin, temp.department, ',');

fin >> temp.gpa;

fin.ignore();

getline(fin, temp.contact);

students.push\_back(temp);

}

fin.close();

return students;

}

};