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// Attached: 8-1A, 8-1B

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// HW 8-1A

// =======================

// Youssef Abdelwahab

// CS 1B

// =======================

#include <iostream>

#include <iomanip>

#include<fstream>

#include <string>

#include <cmath>

#include "Student.h"

using namespace std;

int main()

{

Student s1(0,0," ");

Student s2(100,12,"Tom P.Lee");

cout << "Here is student #1:" << endl;

s1.displayRecord();

cout << "\nHere is student #2:" << endl;

s2.displayRecord();

int id = 100;

int units = 15;

string name = "John Lee Hooker";

s1.setID(id);

s1.setUnits(units);

s1.setName(name);

cout << "\nHere is student #1 after the set functions:" << endl;

s1.displayRecord();

system("pause>null");

return 0;

}

Text

Description automatically generated

// =======================

// Attached: 8-1A, 8-1B

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// HW 8-1B

// =======================

// Youssef Abdelwahab

// CS 1B

// =======================

#include <iostream>

#include <iomanip>

#include<fstream>

#include <string>

#include <cmath>

#include "Student.h"

#include "Grad.h"

#include "UnderGrad.h"

using namespace std;

int main()

{

UnderGrad undergrad(100, "Tom Lee", 9, "Freshman");

Grad grad(101, "Jim Jones", 12, "PHD");

undergrad.displayRecord();

grad.displayRecord();

int units = 15;

grad.setUnits(units);

grad.displayRecord();

system("pause>null");

return 0;

}

Text

Description automatically generated