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// Attached: HW 1(a-e)
// File: HW_1c.pdf
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//
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//
//
// Program: Create student Record
//
// Description:
// Program displays student record inputted by user
//
//
//function prototypes
// void getRecord(int &ID, std::string &name, float &GPA);
// void displayRecord(const int ID, const std::string name, const float GPA);
#include "prototypes.h"

#include <iostream>
#include <string>

int main() {
//Declaring variables
int ID;
std::string name;
float GPA;
//function used to get the record for the student
getRecord(ID, name, GPA);
// function used to display the student record
displayRecord(ID, name, GPA);
return 0;
} //end of main

// getRecord
// This fucntion sets variabels from user input
//
// input: id,name, GPA
//
// output: updated id, name , GPA
void getRecord(int &ID, std::string &name, float &GPA) {

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std::cout << "Enter a student Record: " << '\n';
std::cout << "ID: " << '\n';
std::cin >> ID;
std::cout << "NAME: " << '\n';
std::cin >> name;
std::cout << "GPA: " << '\n';
std::cin >> GPA;
}

//displayRecord
//function displays student record
//
//input: id, name, gpa
//
// output: displays variables to console
//
void displayRecord(const int ID, const std::string name, const float GPA) {
    std::cout << "STUDENT RECORD" << "\n\n";
    std::cout << "ID: " << ID << '\n';
    std::cout << "NAME: " << name << '\n';
    std::cout << "GPA: " << GPA << '\n';
}
```