Week 7-8-9

Q7. Demonstrate constructors with default arguments

#include <iostream>

#include <string>

using namespace std;

class Book {

public:

string title;

double price;

Book(string t = "Untitled", double p = 9.99) : title(t), price(p) {} // Default arguments

void display() const {

cout << "Title: " << title << ", Price: $" << price << "\n";

}

};

int main() {

Book book1; // Uses default arguments

Book book2("C++ Primer", 39.99); // Uses provided arguments

book1.display();

book2.display();

return 0;

}