CS-M10B – Object Oriented Programming Using C++

Project Assignment #8

Student Name: .

Student ID Number: .

A publishing company markets both books and audio (mp3) file versions of its works. Create a class *Publication* that stores the title (string), author name (first and last – as a single string) and price (double).

From this class derive two classes: *Book* which adds a page count (int) and *AudioBook*, which adds playing time (two integers: hours and minutes).

Write parameterized constructors for all of the classes, accessors and modifiers for all of the data members.

Write a client program that creates two publications, each appearing in the form of book and audio book.

The user should be prompted to enter all of the information.

The program should display the two publications (book and audio book versions).

Please submit the following:

* A **single** source code file named *week8.cpp*