CSC 111 1.0 Computer Programming Lab 3

Create the following classes in Java.

The enumeration types can be defined as enum in Java.

All the private members should be properly encapsulated. The setters should verify the values being assigned are valid (ex: year of birth cannot be 0 and greater than the current year).

The minimum attributes to be initialized in order to create objects from the above classes are given below. Write the suitable constructors to instantiate the classes with minimum requirements and initializing all the attributes.

- Artist: name, type
- Song: title, singer, and duration (>0)
- Publisher: name, address
- Album: name, publisher

The above mandatory attributes should **not** be null at the initialization.

Write a driver program to create an array of albums using the inputs from the user.