**Question(lab-06)**  
You are working for a library and they want to update the way that they manage their books. Create a class called  
Book which contains the following private attributes:  
 • Name → String  
 • ISBN → String (The ISBN is issued at the time of object creation and cannot be changed afterwards)  
 • Author → Char\* (assume 30 characters)  
 • Genre → String  
 • Count → Keeps track of number of Book objects created  
 Your program should allow a user to input the number of books that they want to add, then create an array to store  
those books.  
Your program should also fulfil the following criteria:   
• Should be menu-driven   
• Should allow the user to input all the Book details.   
• Should make use of parametrized and copy constructors as necessary. Constructors should increase the  
[Count] by 1.  
 • Should have a destructor that deallocates memory allocated by [Author] and should also decrease the [Count]  
by 1.  
 • Should allow the user to edit all attributes individually (except [ISBN] and [Count])   
• Should be able to display the number of books in the library at any giving point  
 • Finally, demonstrate the working of your copy constructor by adding the following two lines of code:   
 Book bookOne(//your parametrized constructor values);  
 Book bookTwo(bookOne);   
 Book bookThree = bookTwo;   
Hint: Keep in mind all of the concepts that have been covered during different labs.