

COMP 1409 Lab 3-b (4 points)

Take-home lab

Write a Book class. Here are the relevant attributes:

- title
- author
- ISBN (code on back cover)
- number of pages
- is it a paperback?
- suggested retail price

Pass all the necessary information to the constructor. The constructor must check the price parameter to ensure it is not a negative number. If it is negative, set the price to zero.

Write accessor and mutator methods for all instance variables. The mutator methods for number of pages and price must ensure that those fields do not become negative.

Write this method:

```
/** Returns the string "yes" if passed true,  
    and "no" if passed false */  
public String translate(boolean trueOrFalse)
```

Write a method called `displayBook()` that displays the book information on the screen like this:

```
Title : Ghost Stories of British Columbia  
Author : Jo-Anne Christensen  
ISBB : 0-88882-191-3  
Pages : 192  
Paperback : yes  
Suggested price : $17.99
```

The take-home lab is due before the next class. Upload it to the appropriate D2L dropbox. You will demonstrate it to your instructor or TA during lab time but it must be already in the dropbox. A suggested solution will be discussed in class and labs not already in the dropbox will not receive any points.