

MAC 2010

HW 9

1. Define a class Book with components : String title, int price.
2. Define a class BookStore with the name and a collection of books represented as an ArrayList
3. Define methods in the class BookStore :
 1. `void addBook(Book b) ;`
 2. `void removeBook(Book b) ;`
4. Define a method `void increasePrices ()` in the class BookStore that increases prices for each and every box in the book store.
5. Define a method `int totalValue()` that returns a total price for all books in the BookStore.
6. Define a method `sortBooks` in the class BookStore. Sort books in the alphabetical order. Use selection sort or insertion sort.
7. Make examples of Books, BookStore and test all methods.