

Spot

1. Define a super class called **Book** that has data members: **title**(String), **authorName** (String) and price (double), **constructor** with arguments, **getTitle()** that returns the Book's title, **getAuthor()** that returns the Book's author name and **toString()** that displays the string of the form **title** by **author**
2. Define a subclass called **LibraryMember** with members: **name** (String), **array** of **mybooks** and **membershipid** (int), **getName()** that returns the name, constructor with arguments(initialize the list to be empty), **void borrow(Book b[])** that adds the Book to the list of books of the LibraryMember, **void return(Book b[])** that deletes the Book from the list of books of the LibraryMember and **toString()** that displays the name and membershipid.
3. Include the method **getBooks()** to class **LibraryMember** that will return the array of books taken by the **LibraryMember**
-1 marks
4. Include the data member **bookNo** to class **Book**.
-2 marks
5. Include the method **bool search(LibraryMember m, int n)** that returns true or false whether the **LibraryMember** has borrowed the **Book** with **BookNo**(given by n) - 2 marks