

Advanced Programming Assignment-1 (RUBRIC)		
Criteria	Description	Marks
Correct Implementation	We can enter the program in two ways - as a librarian or as a member. The code should give the correct output for the mentioned functionalities. Binary marking to be followed. No marks to be given for partially correct outputs. The output format can vary a little, but it should be complete.	3
	The submission should have a ReadMe, POM.xml and relevant code files and should be compiled using Maven. Good naming conventions should be followed for classes, data members, other variables and methods	1
Classes created	These classes must be present - Library/Librarian, Books and Members. Other classes may also be present, but these three are mandatory.	3 (1 each)
Encapsulation / correct use of modifiers	Data members must have private access unless it's absolutely necessary to grant them public/default access.	2
	Appropriate Getters and Setters should be used.	2
Class Methods	Look for the following methods (or similar ones) in the code (marks should be given if the functionality is there, irrespective of if it's in a method)- issueBook, returnBook, payFine, registerMember, removeMember, addBook, removeBook, viewAllBooks, listAvailableBooks, listMyBooks, viewAllMembers, back/exit	6 (12*0.5 each)
Class Relationship	Composition - Library class should consist of list of Books and Members (any other justifiable example also valid)	1+1
	Association/Dependency - any example of association/dependency which is justifiable.	1
	Total	20