Specs for program  
 **System: Library Management System**

Main Library Admin Menu  
  
1.Masters  
      a. Students

1.add new student

2.update existing student

3.delete student  
      b. Faculty

1.Add Faculty

2.update existing faculty

3.delete faculty   
      c. Books

1.Add book to library

2.Mark book as not issuable

3.delete book  
  
2.Transactions  
      y .Issues  
      z .Returns  
  
3.Reports

p. Book issue details

q. Book return details  
  
4.Exit  
 **Program to implement: Issues**  
  
UI:  
  
Initially a browse window, with columns for: Issue serial number, Member code, Member name, Book code, Book name, date of issue, due date of return.  
  
Features: New, Edit, Delete, Exit.  
  
Entry form contents:  
  
      Issue serial number ............. (system generated)  
      Member code: ..............

Name: <display member name>

Book code: ..................

Title: <display book title>

Author: <display book author>

      Date of issue: <display todays date>

Due date of return:<auto generated as per member>

Validations:  
  
\*    Member code should be valid. Display the member name.  
\*    Members are of two types: Student and Faculty. Students can have up to three books issued to them at any point of time, faculty can have up to 25 books issued to them at any point of time.  
\*    Book code must be valid. Display the title and author of the book.  
\*    Book must be present in the library. If it is already issued out, you cannot issue it again.  
\*    Some books are not issuable. If the book is not an issuable book, you cannot issue it.  
\*    Date of issue will default to today, but can be changed to a past date.  
\*    Display the due date of return. For students, due date is issue date + 10 days; for faculty it is issue date + 3 months.  
  
Notes:  
  
\*    Write the program using Java and MS SQL Server.

Send me your source code, table creation script file, build / make file(.jar), any other instructions to deploy your program.  
\*    You will need to design appropriate table structures also.