**Installation of Library Management System**

**Step 1: Download**

* Download the source code from the .rar file
* Extract all files and save to the directory of your choice

**Step 2: Compile**

* Open the terminal in the IDE of your choice
* Navigate to the location you chose to save above
* Compile the project using Java compiler

Ex. javac Main.java

**Step 3: Run**

* Run the main class by clicking “Run” at the top of the Main.java file OR in the terminal enter “java Main”
* The patrons, books, and authors that were added will load and a menu will appear
* The menu will show the following options:

1. *Add a Book* – add a new book to the library, including the title, author, ISBN and number of copies available
2. *Search Books by Title* – enter the book title you would like to search
3. *Borrow a Book* – enter the title of the book being borrowed and the name of the patron who is borrowing
4. *Return a Book* – enter the title of the book being returned and the name of the patron returning the book
5. *Edit Book Details* – enter the title of the book that is being edited, you will then need to enter all the information of the book and change the information that needs to be changed
6. *Delete Book* – enter the book being deleted, there will be a prompt to choose Y/N to be sure the correct book is being deleted

* Choose an option by entering the corresponding number associated with the action you would like to run
* To exit the system, enter 0 when prompted to choose a menu option. “Exiting..” will appear and once successful, a thank you message will appear

*\*\*NOTE\*\**

*This application is solely run on standard Java libraries and doesn’t need any external setups*