

# CREATE A JAVA APPLICATION FOR A

## LIBRARY CONSOLE APPLICATION

A. the user should have a **menu** which would allow them to:

1. Add a book
2. Display a book report (this feature is not available yet, it should display "COMING SOON")
3. Quit

B. The user should **enter the following values**:

1. the book name
2. the ISBN number
3. a description of the book
4. the details(full name) of the author
5. the reading time(how long it takes to complete 1 book)
6. the book status (is it on their bookshelf(to read), reading, or is it completed)

C. The Book report should be **displayed** on the screen after the user has entered the information

D. add the following **methods**:

- **Boolean : CheckBookDescription()** > ensures that the description of the book is no longer than 100 characters
- **String : CreateBookID()** > creates and returns the BookID
  - (book name(first 2 letters), a #, the ISBN, a #, and the last 2 letters of the authors first name)
- **String : PrintBookDetails()** > returns the full details about the book
- **int : returnTotalHours()** > returns the combined hours of all tasks entered