# Lab [6]: [Encapsualtion]

**Objectives**

The objective of this Lab is to implement information hiding (Encapsulation) in Java program. Java modifiers are used to share methods from one class to another or hide attributes to other classes. The use of switch and do while statements are also covered in this lab activity.

**Tools/Software Requirement**

* Netbeans 7.1 or higher

**Description**

This program is a revise code of the Main class program from the last lab activity. The use of do while and switch statement are added in the program.

*Note: Please read the comments in the program to understand the use of each code.*

Create a class **BorrowedList** and write the following in this class

1. declare arraylist objects as attributes for this class

a. Arraylist for borrowed book

b. Arraylist for Borrwers

2. Methods

a. Method to store borrowed book in the Arraylist from the Book class

b. Method to store borrower information to Arrayist from the Borrower Class

c. Method to display the borrower information and Borrowed book

information at the same time.

Note : Only one book can be borrowed by a borrower.