**INTRODUCTION**

This **Book Shop project** is a graphical application developed with **Java language** which provides a graphical interface to the user where he or she can perform multiple day to day book shop operation as **keeping records** of new books in store, removed or consumed book stock from store, **update** any new information to any existing book record and **searching** any book detail for checking whether it is available or not.

This project enables the user inserting or updating any record with **automatic validation** checking of entered details of book. There is no **security issue** with this application as the application is secured with **User ID** and **Password** authentication and the user can easily change these authentication fields too. On the other hand, in searching module, three additional concepts of **Linear Search**, **Binary Search** and **Compare Complexities** between both searching techniques are added which will provide a comparative searching for determining **better searching technique**.