```
Library Management Problem
public class Book {
   private int bookId;
    private String title;
    public Book(int bookId, String title) {
        this.bookId=bookId;
        this.title=title;
   public void rentBook() throws Exception {
            throw new Exception("Book is not available");
        System.out.println(title + " has been rented
    public void returnBook() {
        System.out.println(title + " has been returned and is
now available");
    public String getTitle() {
```

```
public class LibrarySystem {
    public static void main(String[] args) {
         Book book1 = new Book(1, "Java Programming");
Book book2 = new Book(2, "Python");
Book book3 = new Book(3, "C# Programming");
              book1.rentBook();
              book1.rentBook(); // will throw an exception
         } catch (Exception e) {
              System.out.println(e.getMessage());
         book1.returnBook();
              book1.rentBook();
         }catch (Exception e) {
              System.out.println(e.getMessage());
              book2.rentBook(); // rent book2
              book3.rentBook(); // rent book3
         }catch (Exception e) {
              System.out.println(e.getMessage());
```

## Steps to add project on github with IDE:

- 1. Download and install git with -> Git Downloads
- 2. Verify installation -> git version
- 3. File -> Settings -> Version Control -> Git -> set the path for git executable(C:\Program Files\Git\bin\git.exe)-> Click on Test -> click OK
- 4. Login into your github account -> create new repository
- 5. Main Menu -> VCS -> Enable Version Control Integration
- 6. Select the version control system -> GIT -> OK
- 7. Right click on project main folder -> scroll down -> GIT -> Add (ADD -> COMMIT -> PUSH)
- 8. Main Menu -> Git -> Commit -> Add commit message -> Commit

## 9. If getting warnings just ignore

- 10. Linking it with repo
- 11. Right click on project folder -> Scrolling down -> Git -> Scrolling down -> Manage remotes -> Click on + button -> keep origin -> copy repo's URL and paste it there -> OK
- 12. Now Pushing -> Main Menu -> Git -> push -> push
- 13. Check in your git account