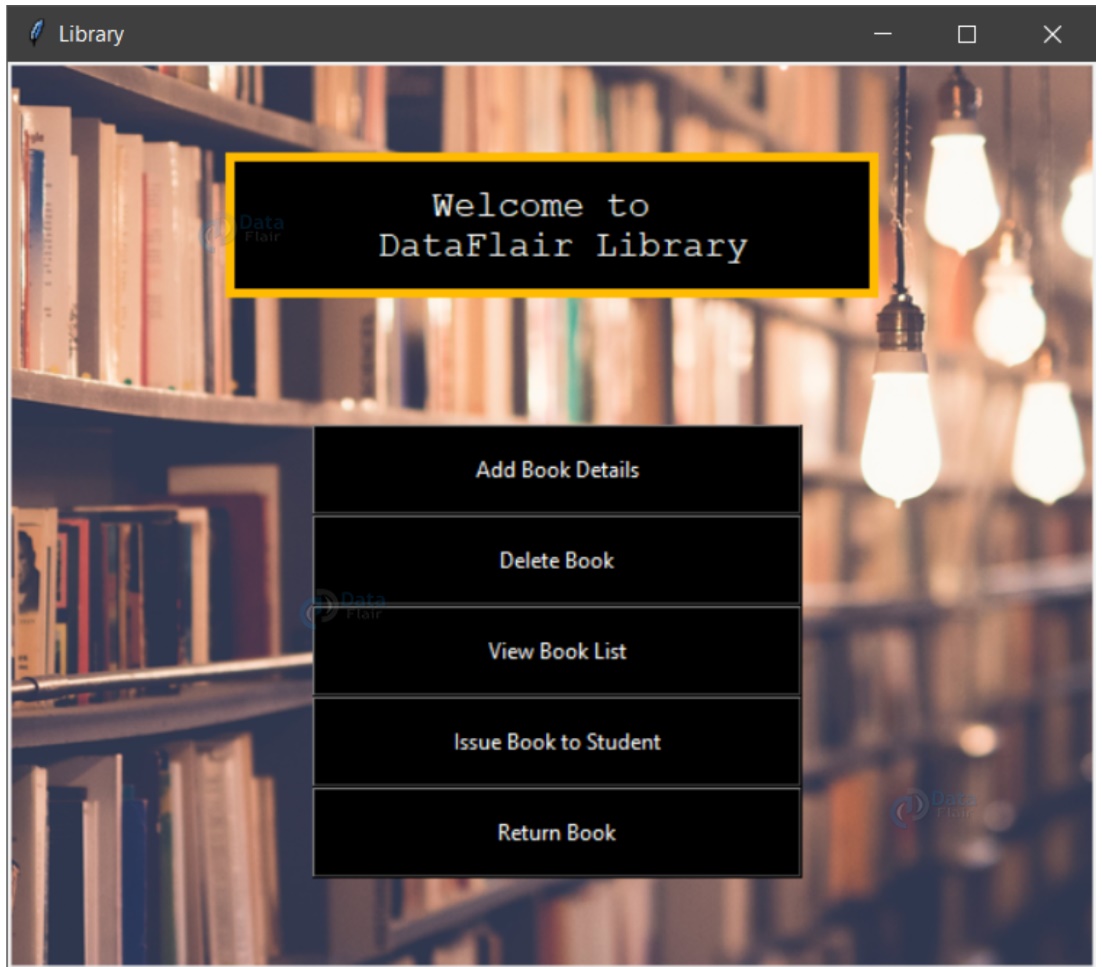
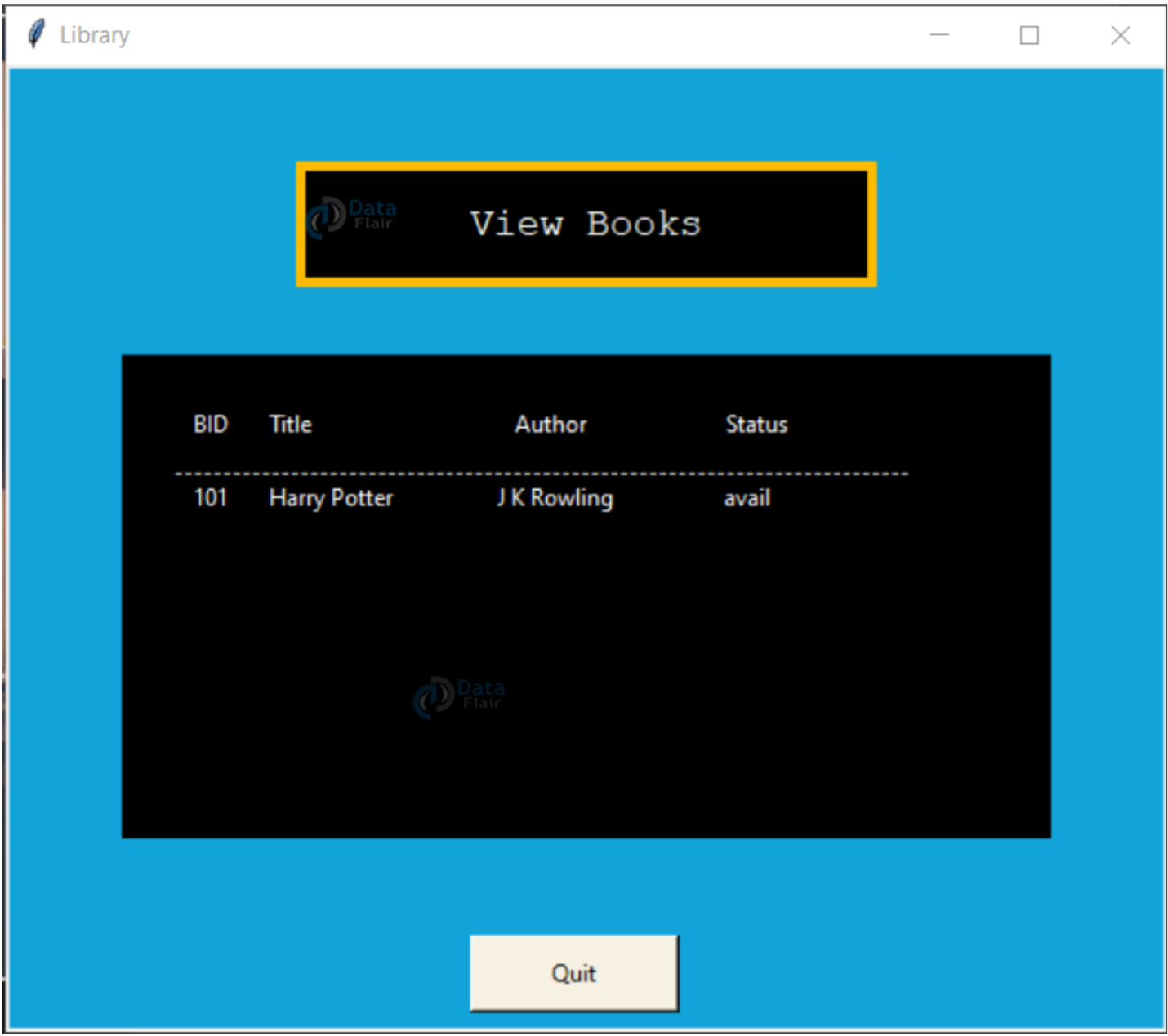
**Book Library System**A library management system keeps track of the books present in the library. It is an important piece of software which is a must at schools and colleges.  
  
****

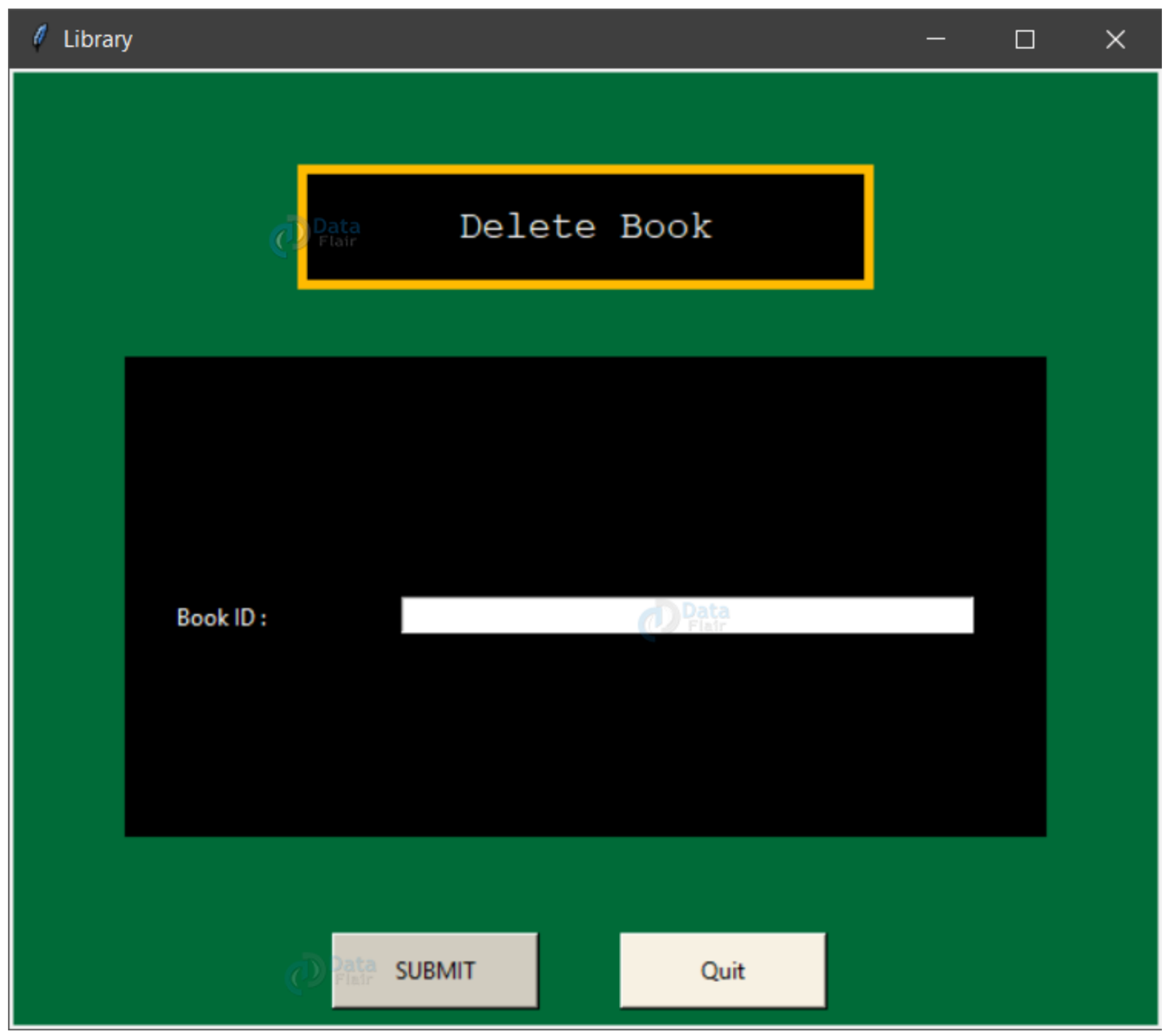
**AddBook : This is the page where user add new book to library.**

****

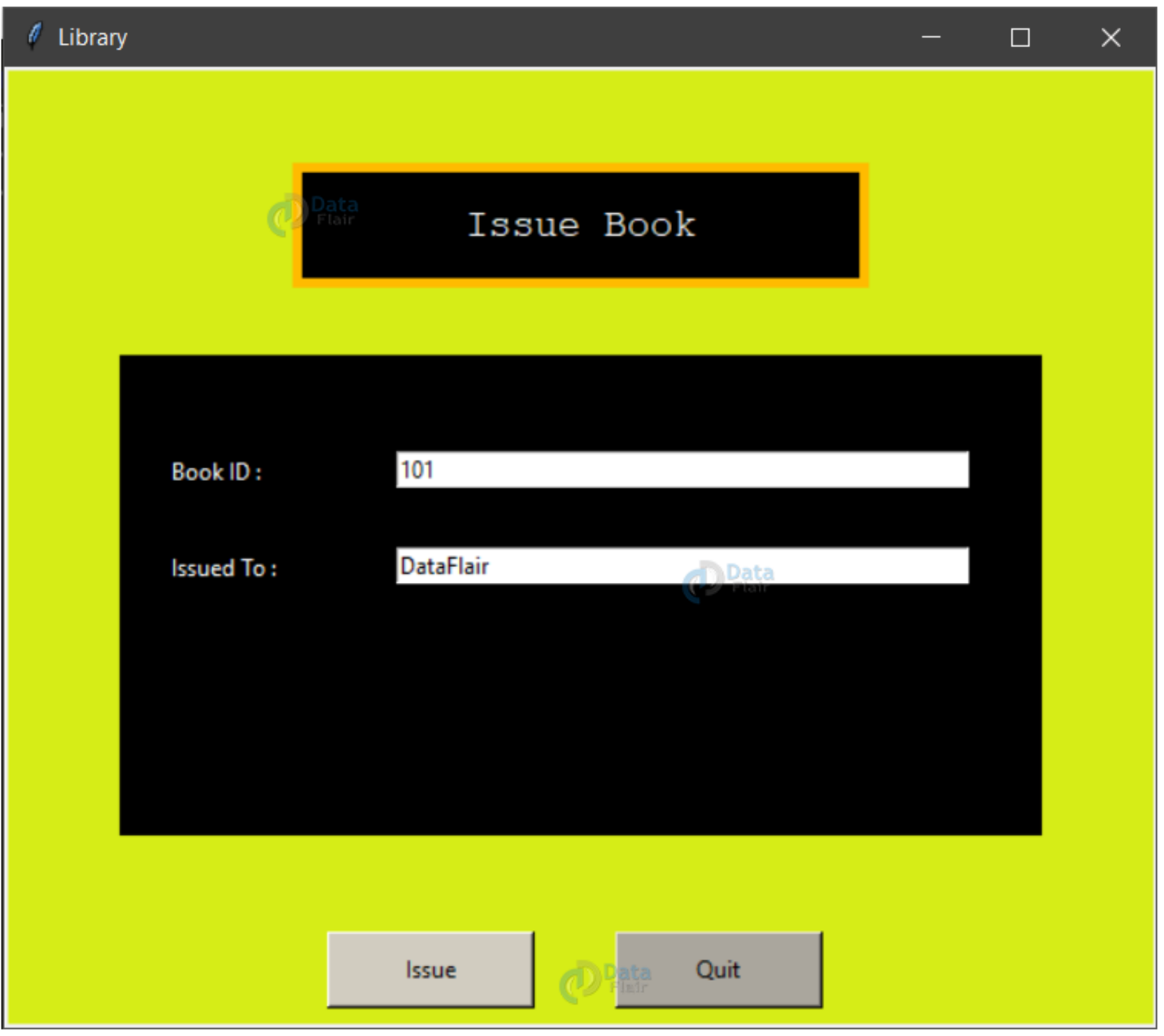
ViewBooks

****

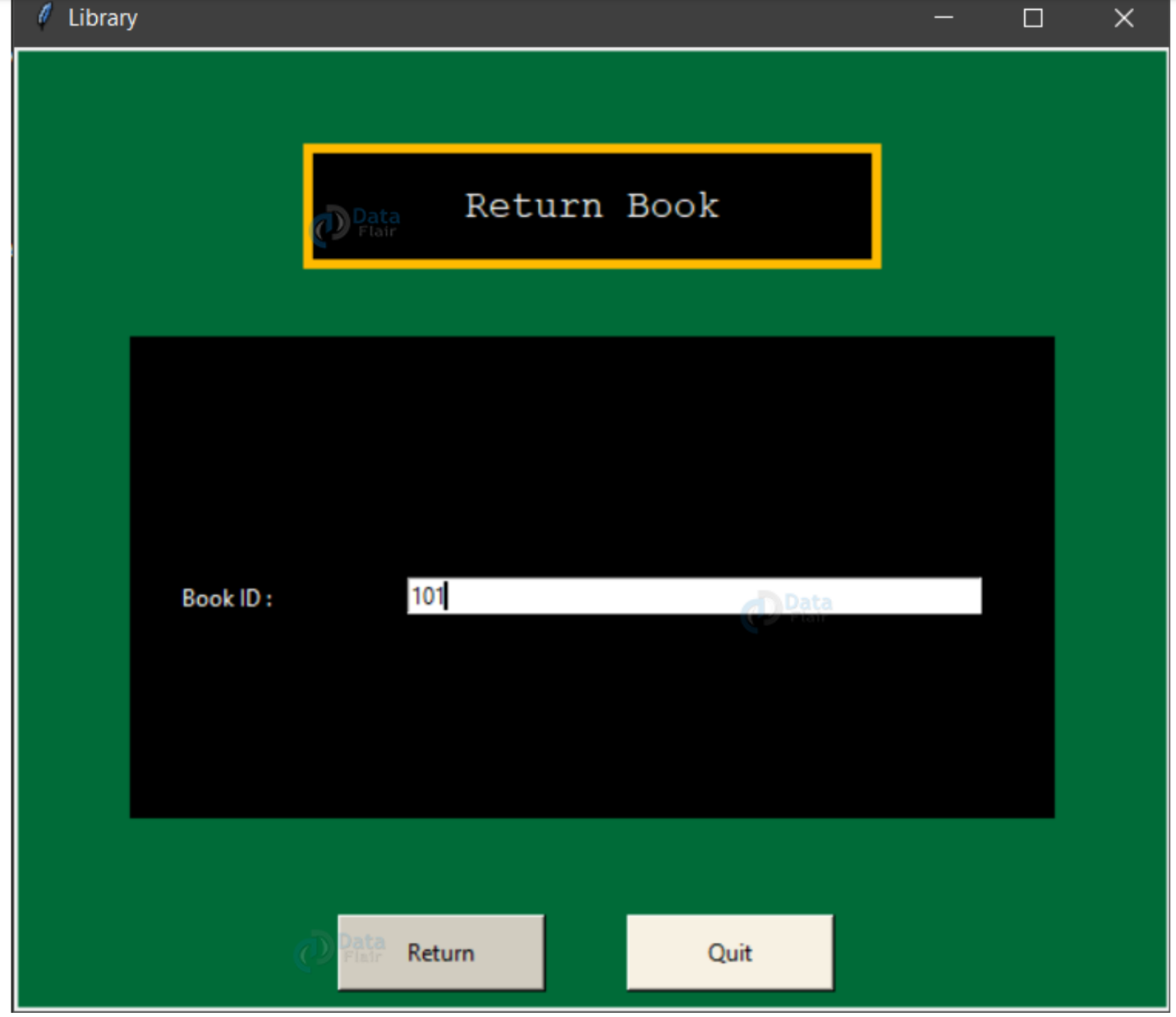
#### DeleteBook

****

#### IssueBook

****

#### ReturnBook

****

**Data Base design   
  
DB Detail  
  
Table - Book  
Book\_ID (varchar 20),Title (varchar 30),Author (varchar 30),Status (varchar 30)   
  
Book\_Issued  
Book\_ID (varchar 20), issuedto (varchar 30)**

**Java DB Connection Code**  
import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

public class **SQLDatabaseConnection** {

// Connect to your database.

// Replace server name, username, and password with your credentials

public static void main(String[] args) {

String connectionUrl =

"jdbc:sqlserver://yourserver.database.windows.net:1433;"

+ "database=AdventureWorks;"

+ "user=yourusername@yourserver;"

+ "password=yourpassword;"

+ "encrypt=true;"

+ "trustServerCertificate=false;"

+ "loginTimeout=30;";

Connection connection=null;

try {

connection = DriverManager.getConnection(connectionUrl)

return connection;

} catch (Exception e) {

e.printStackTrace();

}

return connection;

}

}

DB

UI