1. User Manual:
   1. Place “InitialData” folder in the same directory as “src”, which contains the \*.java and \*.form source codes.
   2. Run libraryDBcreation.sql in your MySQL.
   3. Replace “root” and “609114”in the DBTest Class in DBTest.java with your Database user name and password;
   4. Execute the Java Codes. When GUI appears, click “Admin Panel” and choose to initialize data.
   5. To search, choose “search” tab and enter any combination of book id, author name or title
   6. To check out, choose a tuple in the search result and enter card no, then click “check out”. A user having 3 books will not be allowed to check out new book.
   7. To add new borrower, click “Borrower Management” tab, fill in the fields and click “Add New”
   8. To search borrow, in the “Borrower Management” tab, search by name or card ID.
   9. To see Loans, click “Loans” tab. You can also check in or pay partial fine here.
   10. To check total fine and pay totally, use “Fines” tab.
   11. To refresh fines, click “refresh” in “Admin Panel” tab.
2. Design Decision
   1. At first, the check in/out use different fields for the user to fill in. Then I think it is very inconvenient so I made the books able to be checked in/out by selecting rows in the results.
   2. I think it makes more sense to let the user to choose to pay partial or total fine while they can view the paid status.
3. Technical Dependency:
   1. None
4. Special Feature:
   1. Different information dialog box including:
      1. Success action
      2. Not existing card no for checking out
      3. Not filled fields
      4. Adding an existing new borrower
      5. Having max number of book so the borrower cannot check out new books
   2. Check in/ out simply by selecting row in the result.
   3. Forbidding check in/out or pay the fine if the row does not satisfy certain condition.
   4. Can pay partial fine and check paid status in the “Loans” tab. Can pay all the fines in the “Fines” tab.