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CSC 20

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The library database does the following:

* Allows student or administrator to log in
* Student is allowed to check out a numerous amount of books depending on penalties
* Student can search by subject
* Administrator allowed to put penalties on student accounts
* Administrator is also allowed to add or delete students in the database
* You are able to search Book names by genre
* Administrator can search student
* The driver, students, library, and administrator file uses a binary search algorithm
* Students, books, and administrators are sorted using selection sort
* After inputting the text files and or adding a book/student, the objects can be saved to IO files
* Student information such as email, phone number, and ID will be validated when an administrator adds a new student

Arraylist

* Administrator.java
* Students.java

Exception

* NotFoundException.java

Java Files

* Book.java
* Driver.java
* Library.java
* NotFoundException.java
* Person.java
* Student.java
* Students.java.java

Input files

* Admins.txt
* Books.txt
* Students.txt

Link list

* Library.java

Distribution

Justin Roldan 50%

Warren Quattrocchi 50%