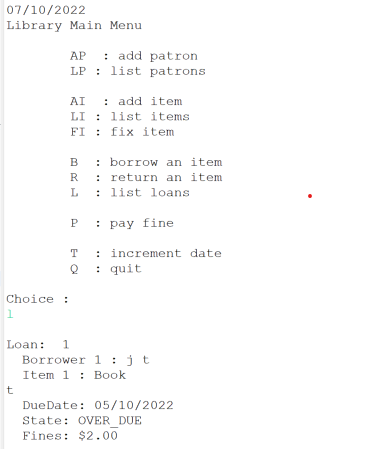
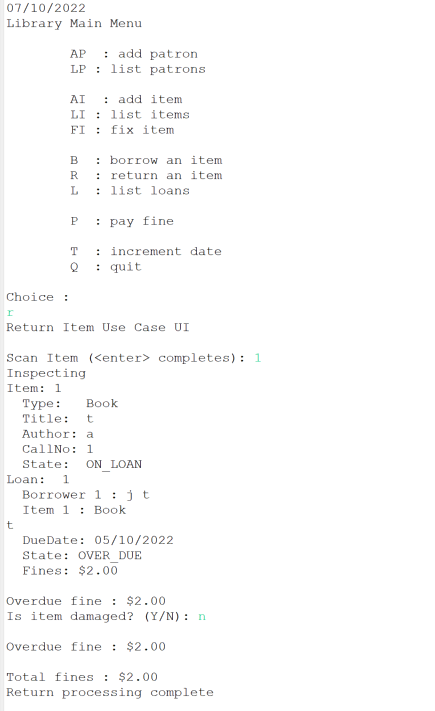
Asg 4 Bug Report

This is another implementation of the BRLS system as used in Asg1 and Asg2. There are two known bugs which need to be resolved.

Bug 1 : Patron is incorrectly charged excessive fine when paying fines.



The item is returned:



But when the patron comes to pay the fine:

Text

Description automatically generated with low confidence

The patron should only be charged $2.

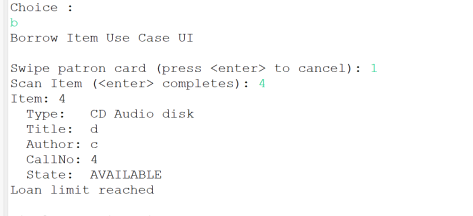
Bug 2 – Loan limit is not enforced

Patron reaches loan limit in one session, but if they attempt to borrow again, they can borrow more items.

Table

Description automatically generated with low confidence

But then:



And

Text

Description automatically generated

Resulting in:

Text

Description automatically generated

The LOAN\_LIMIT is 2, and patrons should not be able to borrow more items than this.