Sign in page

* Valid but incorrect input for id should loop to beginning and print that person doesn't exist PASSED
* No input for id should loop to beginning and print invalid input PASSED
* correct input for id should continue to password PASSED
* incorrect input for password should loop to beginning and ask to re-enter PASSED
* No input for password should loop to beginning and print ask to re-enter PASSED
* correct input for id should continue to homepage PASSED

Home page

* 9 should close library system PASSED
* 1 should go to search page PASSED
* 2 should go to staff page PASSED
* 3 should go to loan page PASSED
* 0 should signed in as staff goes to staff only page PASSED
* 0 should signed in as student invalid input PASSED
* Anything else should return invalid input and loop PASSED

Search page(these test results are checked for correctness against the books in LiberarySimulation)

* 1 (with no other parameters)should only bring up results in the same departments as signed in
* 2 (with no other parameters)should bring up all the books in the system
* 0 should return to homepage PASSED
* Use these search terms in 2
  + Author: “a2” return books by “a2”
  + Min date 1900, max date 2010
  + Min date 11/01/2003
  + Title “l”  PASSED
  + Title “calc”
  + Title “101”
  + Edition “1”
  + Edition “2”
  + Department “s”
  + Department “UL loan”

Search results page

* 0 should return to search page
* Selecting a book should make that book come up and the options available  PASSED
  + 0 should loop to search page PASSED
  + Books not in department cannot be interacted with
  + Books in department can be taken out on loan or if already on loan can be reserved
  + If signed in already has a loan a loan cannot be taken out PASSED
  + Ebooks can be read of downloaded

List staff page

* 0 should return to homepage PASSED
* Invalid input loops
* 1 should show the staff in signedIn’s department and loop PASSED
* 2 should return staff that contain the string entered PASSED
* 3 should return staff in the department that contained the string entered PASSED

Loan Page

* without having loans: should print “you have no loan history” PASSED
* with an open loan should let me return it PASSED
* with an open reservation should let be cancelled it PASSED
* with closed loans should only let me go back PASSED
* invalid input it should loop to beginning PASSED

Staff only page

* 0 should return to home page
* 1 should allow you to add book
* 2 should allow you to search for a book and delete it from people
* 3 should allow you to remove a person based off ID number