\*\*\*\*\*\*\*\*\*\*\*

Minahil Ikram 0721370

CIS\*2430 LibrarySearch/Assignment 3

13th November, 2013

\*\*\*\*\*\*\*\*\*\*\*

## OVERVIEW:

The program has a menu of options to choose from; add, search and/or quit.

## TESTING:

TESTS:	RESULTS:	FIX:
1) Search method; if characters are entered instead of numbers for year	→ accepts input, returns no results found	→ check year string if the input entered contains numbers only
2) Search method; if numbers and characters are entered e.g. 9000a or 9000a or 9000a -	→ program crashes	→ validate input
3) Add method; if characters such as "!@#\$%^&*()_+-={}[] \: "<>?;',./" are added	→ accepts input and saves into corresponding field	→ validate input
4) Add method; authors are added to arraylist with separated by ", ", if anything else entered	→ takes everything as one author	→ validate input
5) If a file contains entries that are specific as mentioned in the README	→ program crashes	→ validate

## EXTRA NOTES:

1) I added elements, and hand walked through the nested loops in the search method to make sure the algorithm works the way it is

suppose to.

- 2) After entries were added I checked to see if all were present by printing the array.
- 3) File IO reads and write to the same file and does not accept command line.