

1. A separate description of the tests you ran on your program to convince yourself that it is indeed correct. Also describe any cases for which your program is known not to work correctly. Please submit this document along with the above design doc in the docs directory in your repo. The tests themselves should be checked into a tests sub-directory.

#### 5 tests

1. Runs search to check if it returns the right entries
2. Test if searching a item doesn't exist it should return not found
3. Test correctness of lookup, if searched with with a book id it should return the book info
4. Correctness of buy, checks if buying book decrease the stock count
5. Sold out scenario, if all books are gone, it should return sold out.