## **677 LAB 2 TESTS**

We tested the system on the following test cases and we have reported the observed results below.

The test cases were designed as -

- Test Case 1 Search query on topic 'Graduate School'
  Tests if it is able to return all books with given topic
  curl "http://localhost:8000/search?topic=Distributed%20Systems"
- 2. Test Case 2 Search query on topic 'Umass'
  Tests if it returns an empty array as there are no books with given topic curl "http://localhost:8000/search?topic=Umass"
- 3. Test Case 3 Lookup for book with bookId = 1
  Tests if it is able to retrieve information for the particular book id curl "http://localhost:8000/lookup?id=1"
- 4. Test Case 4 Lookup for book with bookId = 5
  Tests if it returns and empty array as there is no book with given id curl "http://localhost:8000/lookup?id=1"
- 5. Buy book with bookId = 4
   Tests if it is able to buy the book with the given id
   curl -X POST -H 'Content-Type: application/json' "http://localhost:8000/buy" -d '{"id":
   4}'
- 6. Buy book with bookId = 5
  Tests if it returns a proper error to user stating that given book is not present in database curl -X POST -H 'Content-Type: application/json' "http://localhost:8000/buy" -d '{"id": 5}'

## The results of the test cases are shown below - (on AWS)

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### Authors | Part | Pa
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## The results of the test cases are shown below - (on local machine):

```
Odeker ps
COMMAND
CONTAINER TO IMAGE
CONTAINER
CONTA
```