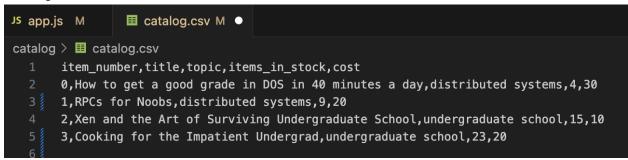
# An-Najah National University Computer Engineering Department

Mayar Abdulkareem Nora Al-Sadder

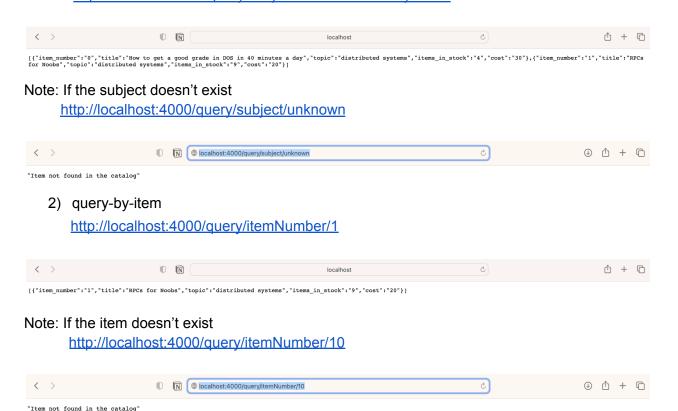
Catalog Server

## Catalog file



First operation: Query

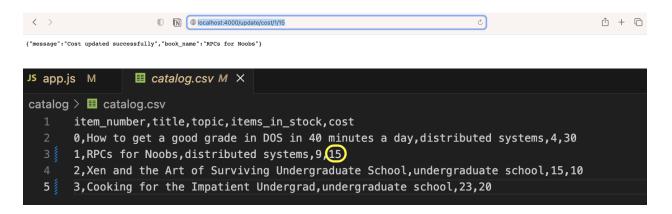
1) query-by-subject http://localhost:4000/query/subject/distributed%20systems



### Second operation: Update

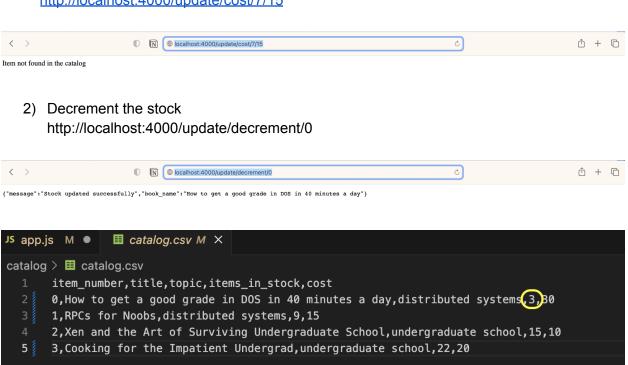
1) update-cost

http://localhost:4000/update/cost/1/15



Note: if the item doesn't exist

http://localhost:4000/update/cost/7/15

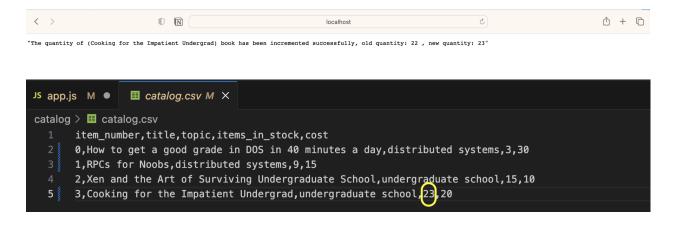


Note: if the item doesn't exist

http://localhost:4000/update/decrement/7

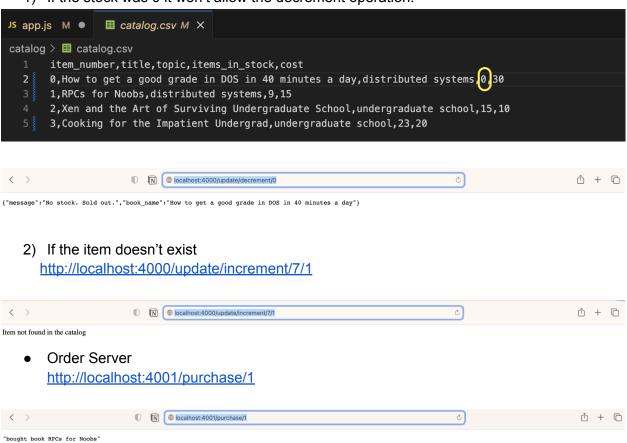


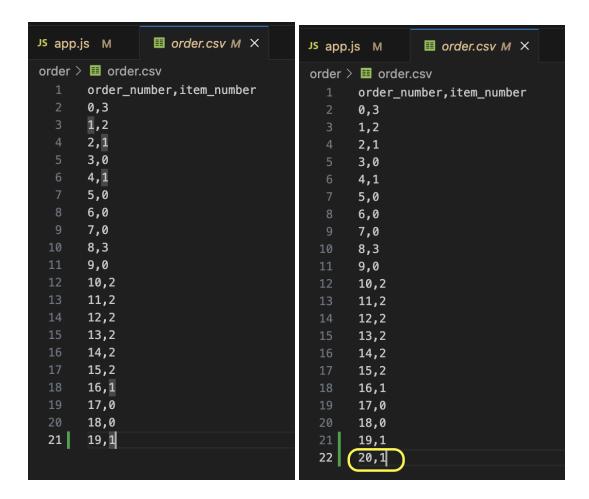
 Increment the stock http://localhost:4000/update/increment/3/1



#### Note:

1) If the stock was 0 it won't allow the decrement operation.





#### Note:

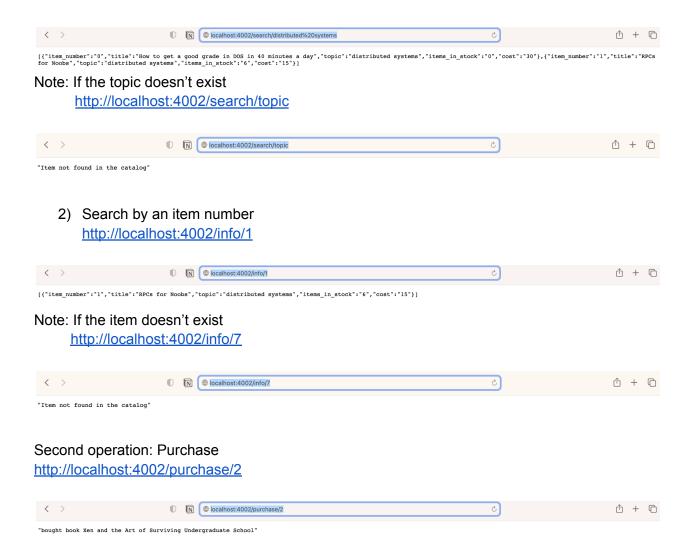
 If the item doesn't exist http://localhost:4001/purchase/6

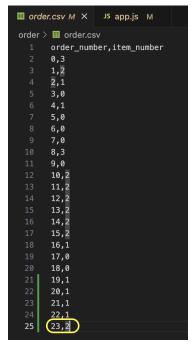


Front

First operation: Query

1) Search by a topic http://localhost:4002/search/distributed%20systems





```
catalog.csv M × JS app.js M

catalog > III catalog.csv

item_number,title,topic,items_in_stock,cost

0,How to get a good grade in DOS in 40 minutes a day,distributed systems,0,30

1,RPCs for Noobs,distributed systems,6,15

2,Xen and the Art of Surviving Undergraduate School,undergraduate school

3,Cooking for the Impatient Undergrad,undergraduate school,23,20
```

#### Note:

 If the item doesn't exist http://localhost:4002/purchase/6

