



# **DOS - Project Part -1-**

Distributed Microservices Application.

Distributed Operating Systems-10636456.

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## Copy of the output for each request:

Requests that will be directed from frontend server to catalog server:

- Get a book by id:

Request: GET <http://localhost:3002/books/info/{id}>

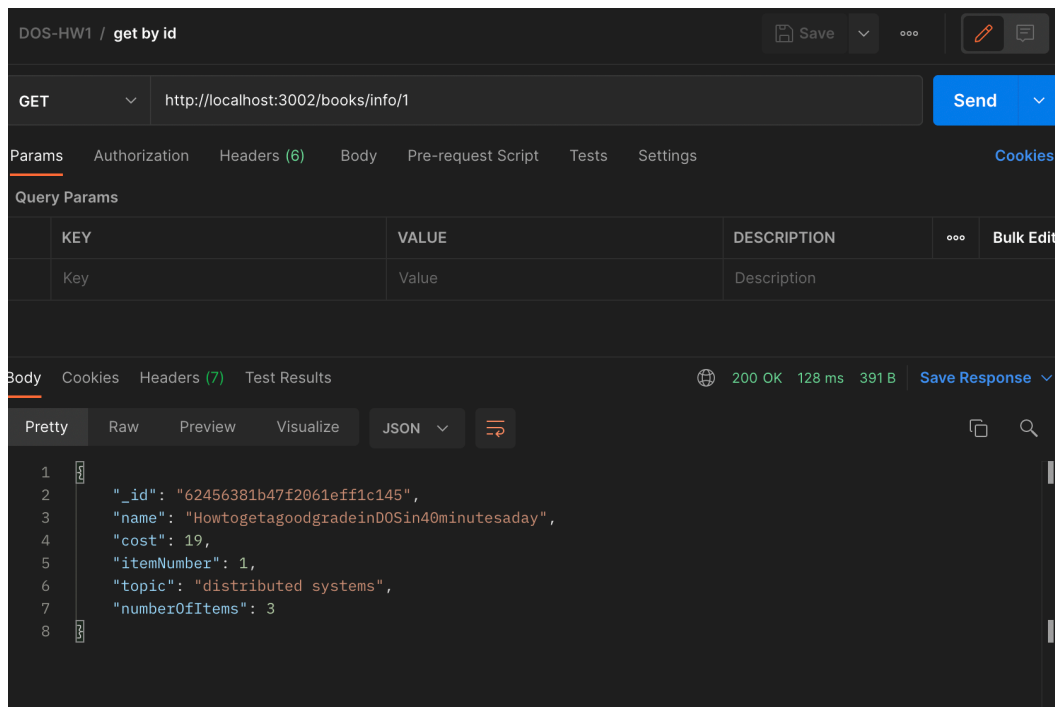
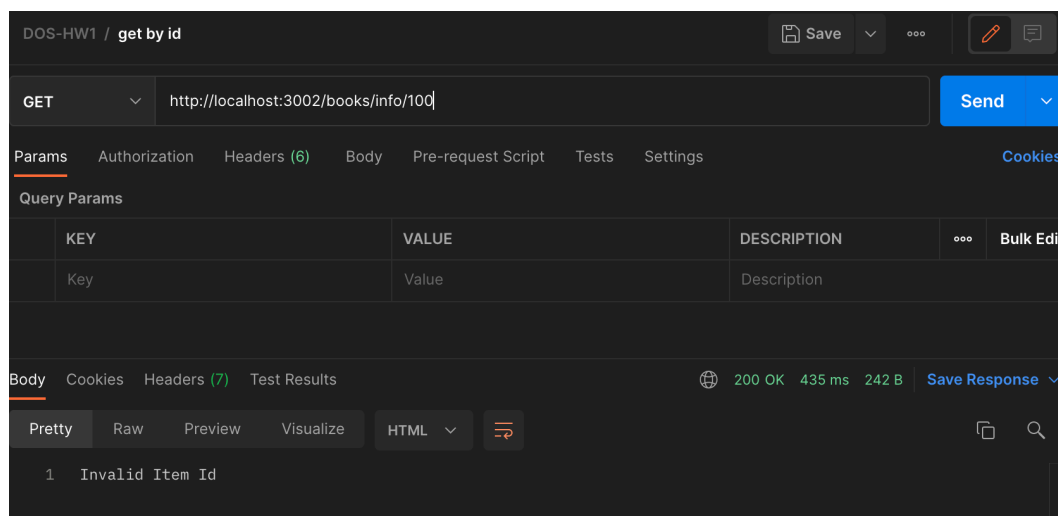


Figure (1): get book by id



Figure(2): get book by id with bad id value.

- Get books by topic:

Request: localhost:3002/books/search/{topic}

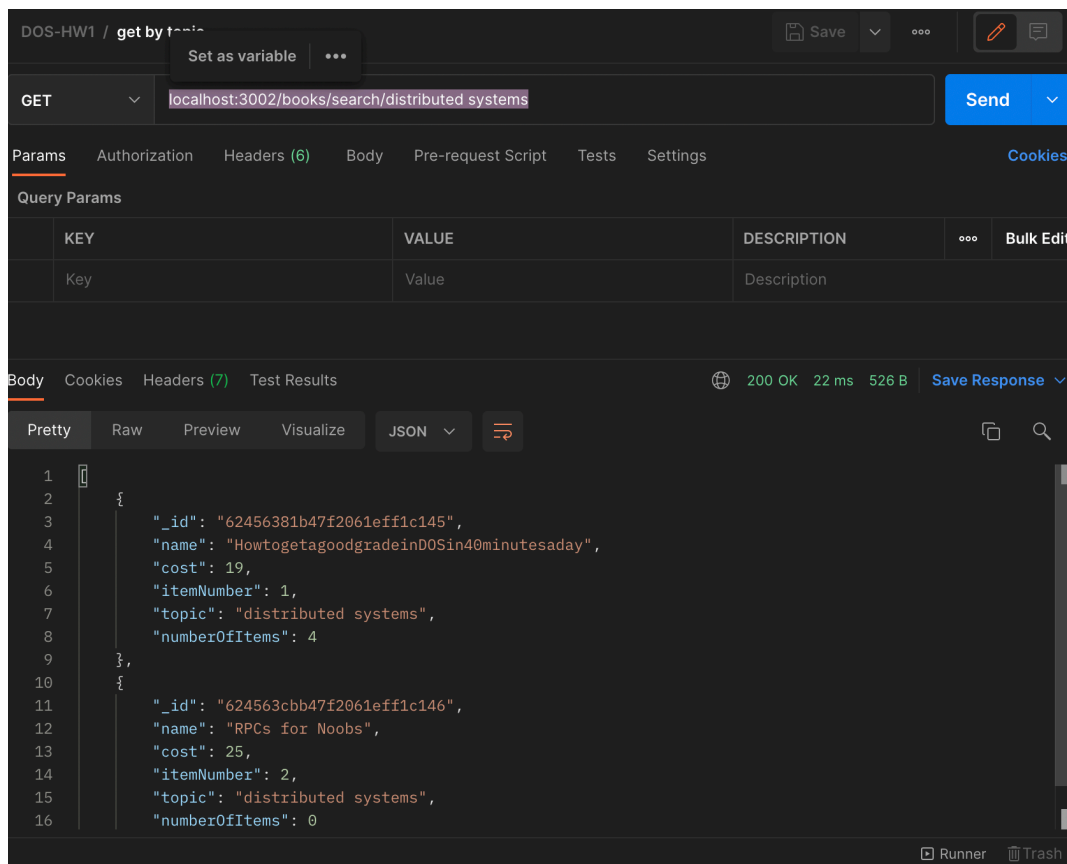
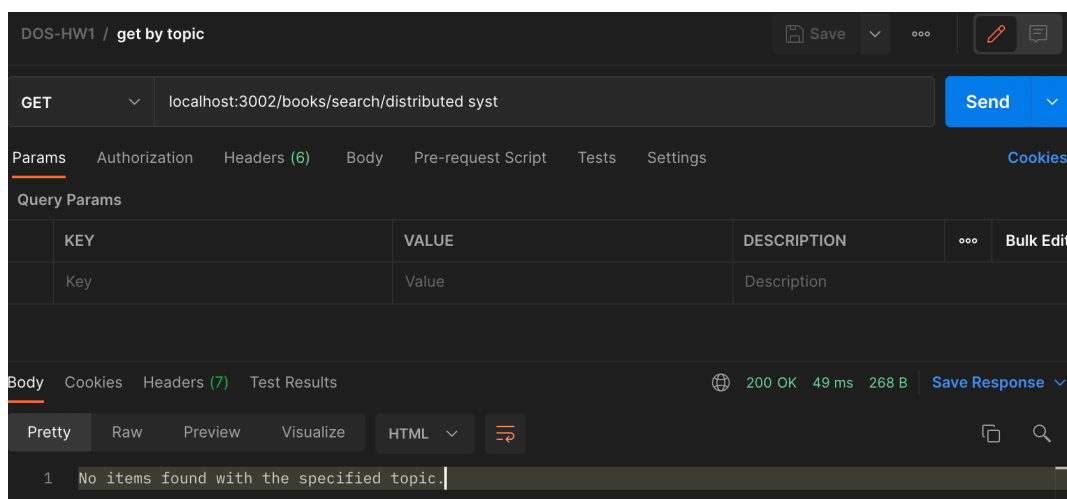


Figure (3): get books by topic



Figure(4): get books by topic with bad topic value

- Modify a book's price or quantity:

Request: PATCH <http://localhost:3002/books/{id}>

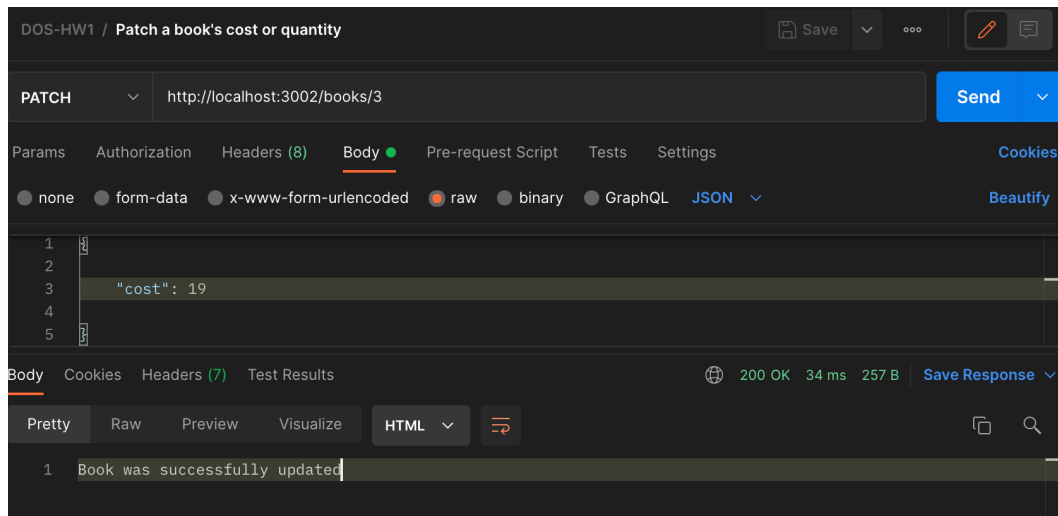
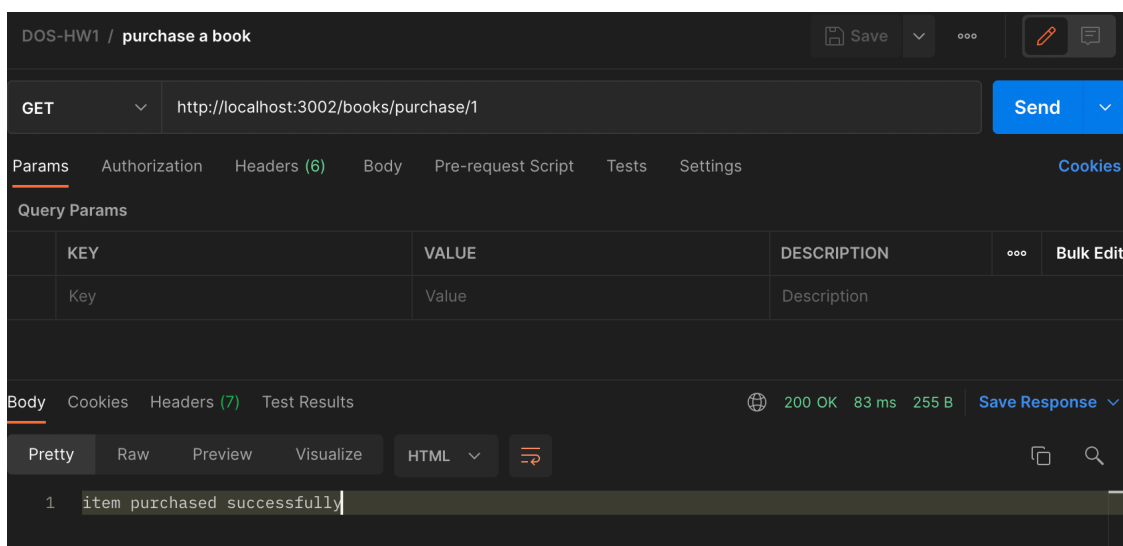


Figure (5): Patch the price of a book

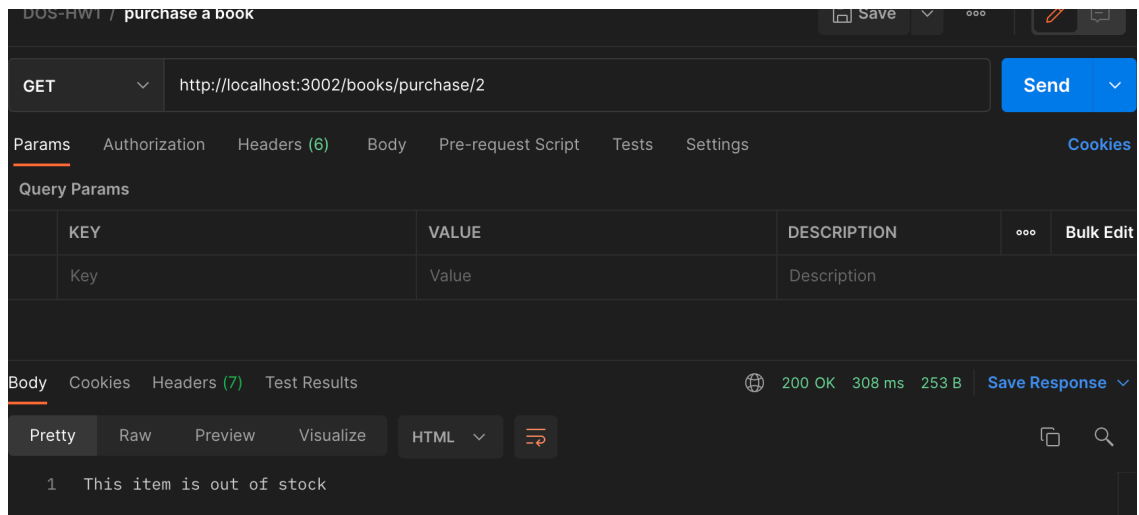
Requests that will be directed from frontend server to order server:

- Purchase a book specified by id:

Request: <http://localhost:3002/books/purchase/{id}>



Figure(6): Purchasing a book



Figure(7): purchasing a book that is out of stock.