An-Najah National University
Faculty of Engineering and IT

جامعة النجاح الوطنية
كلية الهندسة وتكنولوجيا المعلومات

Distributed Operating Systems

10636456

1st Semester | 2025-2026

Bazar-com Project | Part 1 | Results

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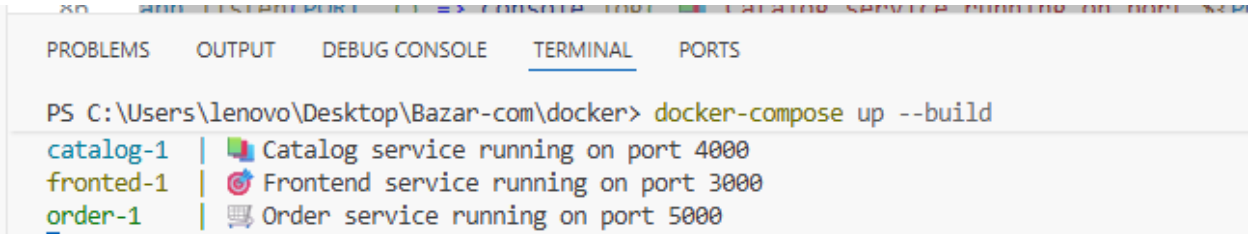
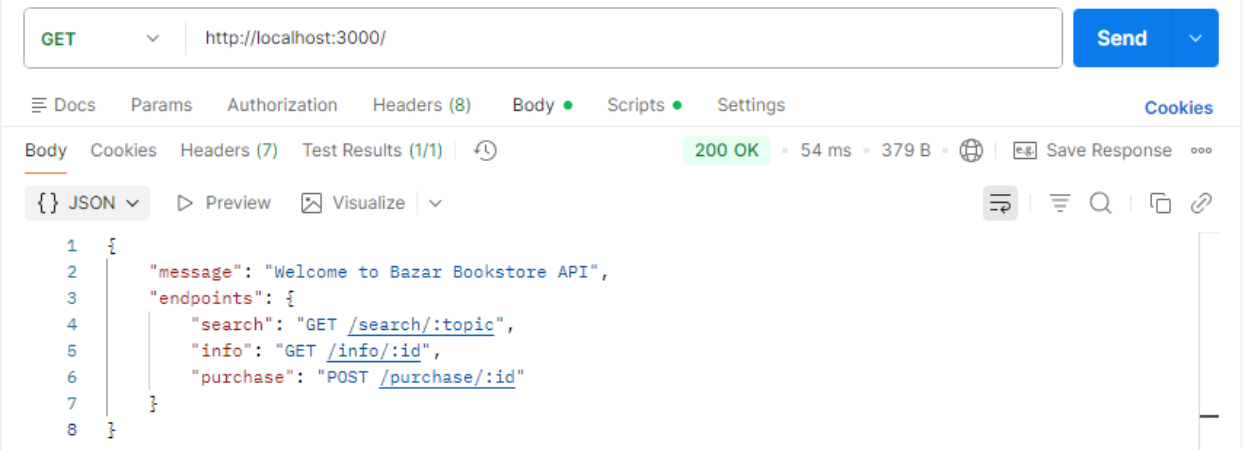
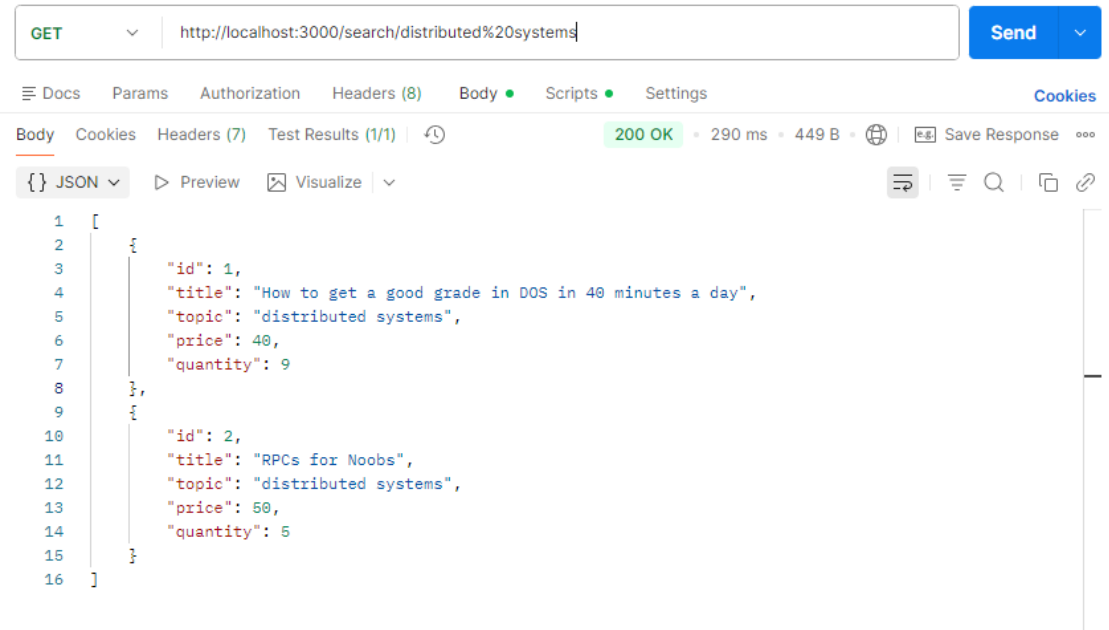
Once the system is running:



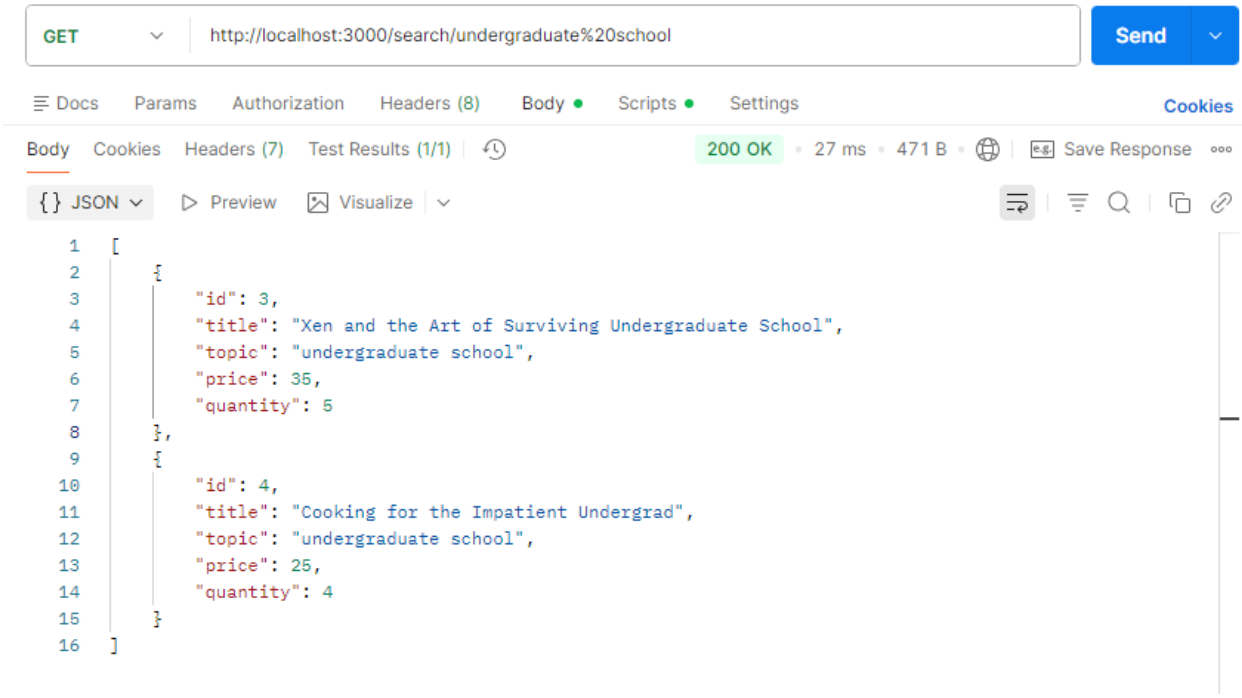


Searching for books with topic “distributed systems”:



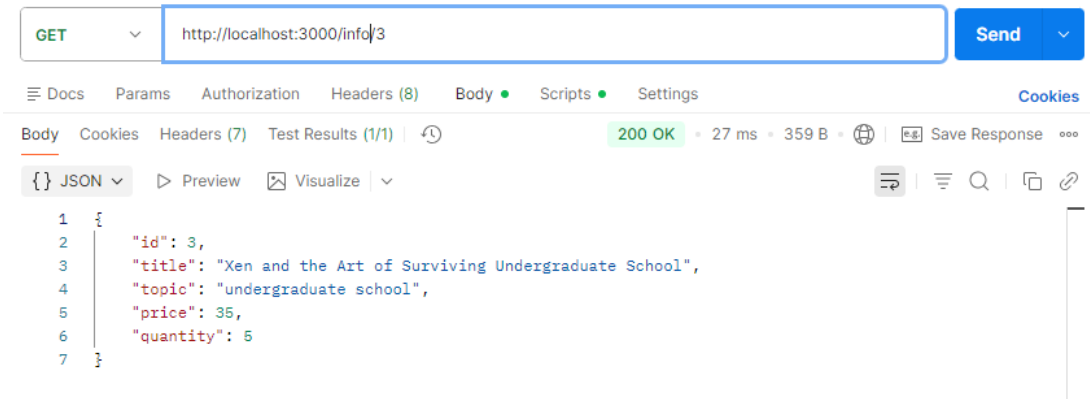
```
fronted-1  | 🔍 Frontend: Search request for topic: distributed systems
catalog-1  | 📚 Search for "distributed systems": Found 2 books
fronted-1  | ✅ Frontend: Search successful, found 2 books
```

Searching for books with topic “undergraduate school”:



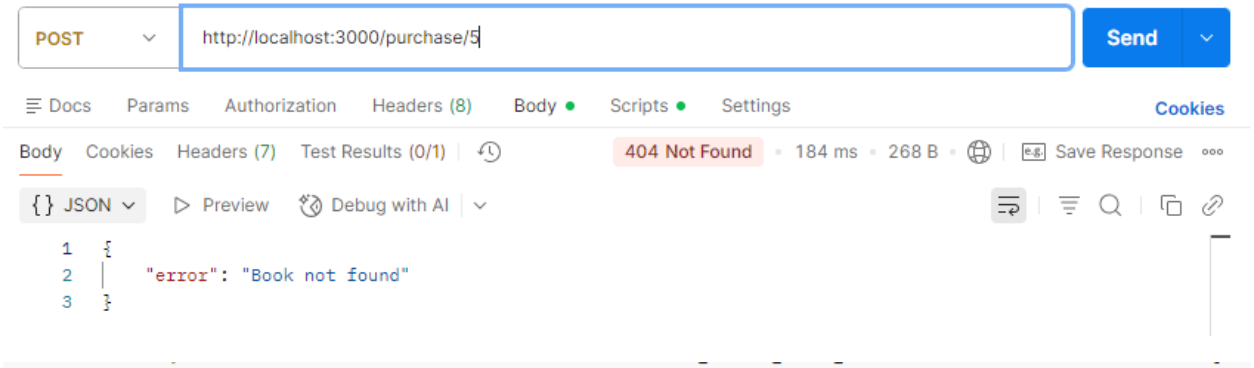

```
fronted-1  | 🔍 Frontend: Search request for topic: undergraduate school
catalog-1  | 📚 Search for "undergraduate school": Found 2 books
fronted-1  | ✅ Frontend: Search successful, found 2 books
```

Get information about book with id=3:



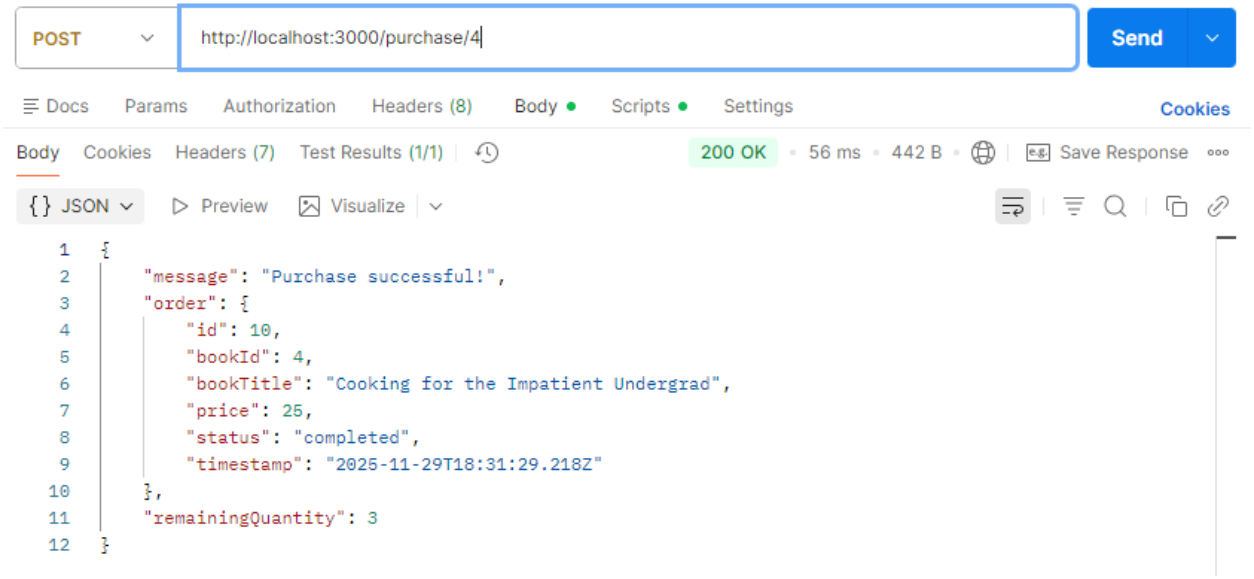
```
fronted-1  | ℹ️ Frontend: Info request for book ID: 3
fronted-1  | ✅ Frontend: Info retrieved for: "Xen and the Art of Surviving Undergraduate School"
catalog-1  | ℹ️ Info request for book ID: 3 - "Xen and the Art of Surviving Undergraduate School"
```

Purchase for book with not available id:




```
fronted-1  | 🛒 Frontend: Purchase request for book ID: 5
order-1    | ❌ Purchase error: Request failed with status code 404
fronted-1  | ❌ Frontend: Purchase error: Request failed with status code 404
```

Purchase for book with id=4:

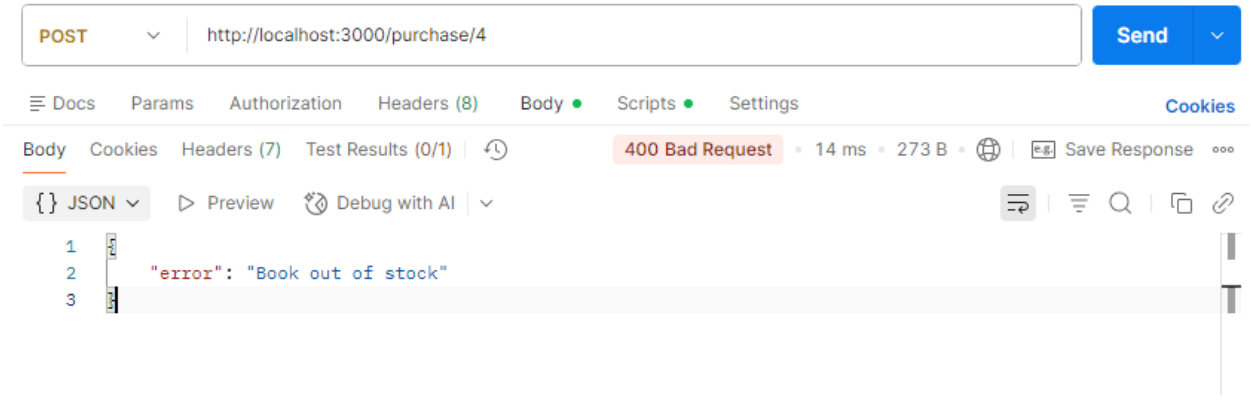


```
fronted-1  | 🛒 Frontend: Purchase request for book ID: 4
catalog-1  | ℹ️ Info request for book ID: 4 - "Cooking for the Impatient Undergrad"

order-1    | 🛒 Purchase request for: "Cooking for the Impatient Undergrad" - Current quantity: 4


catalog-1  | 🔄 Updated book ID: 4 - Quantity: 3, Price: 25
fronted-1  | ✅ Frontend: Purchase successful - Order ID: 10
order-1    | ✅ Purchase successful! Order ID: 10, Remaining quantity: 3
```

Purchase a book out of stock:




```
fronted-1  | 🛒 Frontend: Purchase request for book ID: 4
order-1    | 🛒 Purchase request for: "Cooking for the Impatient Undergrad" - Current quantity: 0
catalog-1  | ℹ️ Info request for book ID: 4 - "Cooking for the Impatient Undergrad"

fronted-1  | ❌ Frontend: Purchase error: Request failed with status code 400
```