

# Output

```
Terminal Shell Edit View Window Help
SERVER docker compose up -- docker -- docker-compose - docker compose up -- 101x60
src-orderservice-1 INFO:root:Order Service Server started at http://0.0.0.0:8082
src-catalogservice-1 INFO:pycos:Created pycos dict '/shared_directory/db/catalog.db' with 4 items
src-catalogservice-1 INFO:root:Database created/loaded from /shared_directory/db/catalog.db
src-catalogservice-1 INFO:root:Catalog Service Server started at http://0.0.0.0:8081
src-frontend-1 INFO:root:Frontend Server started at http://0.0.0.0:8080
src-catalogservice-1 172.20.0.4 - - [27/Mar/2023 21:45:03] "GET /lookup/FishCo HTTP/1.1" 200 -
src-frontend-1 172.20.0.1 - - [27/Mar/2023 21:45:03] "GET /stocks/FishCo HTTP/1.1" 200 -
src-catalogservice-1 172.20.0.2 - - [27/Mar/2023 21:45:03] "GET /lookup/FishCo HTTP/1.1" 200 -
src-catalogservice-1 172.20.0.2 - - [27/Mar/2023 21:45:03] "POST /update HTTP/1.1" 200 -
src-orderservice-1 172.20.0.4 - - [27/Mar/2023 21:45:03] "POST /order HTTP/1.1" 200 -
src-frontend-1 172.20.0.1 - - [27/Mar/2023 21:45:03] "POST /orders HTTP/1.1" 200 -
src-catalogservice-1 172.20.0.4 - - [27/Mar/2023 21:45:03] "GET /lookup/Invalid2 HTTP/1.1" 404 -
src-frontend-1 172.20.0.1 - - [27/Mar/2023 21:45:03] "GET /stocks/Invalid2 HTTP/1.1" 404 -
src-catalogservice-1 172.20.0.4 - - [27/Mar/2023 21:45:03] "GET /lookup/Invalid2 HTTP/1.1" 404 -
src-frontend-1 172.20.0.1 - - [27/Mar/2023 21:45:03] "GET /stocks/Invalid2 HTTP/1.1" 404 -
src-catalogservice-1 172.20.0.2 - - [27/Mar/2023 21:45:03] "GET /lookup/Invalid2 HTTP/1.1" 404 -
src-orderservice-1 172.20.0.4 - - [27/Mar/2023 21:45:03] "POST /order HTTP/1.1" 404 -
src-frontend-1 172.20.0.1 - - [27/Mar/2023 21:45:03] "POST /orders HTTP/1.1" 404 -
src-catalogservice-1 172.20.0.4 - - [27/Mar/2023 21:45:03] "GET /lookup/BoarCo HTTP/1.1" 200 -
src-frontend-1 172.20.0.1 - - [27/Mar/2023 21:45:03] "GET /stocks/BoarCo HTTP/1.1" 200 -
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src-catalogservice-1 172.20.0.4 - - [27/Mar/2023 21:45:03] "GET /lookup/GameStart HTTP/1.1" 200 -
src-frontend-1 172.20.0.1 - - [27/Mar/2023 21:45:03] "GET /stocks/GameStart HTTP/1.1" 200 -
src-catalogservice-1 172.20.0.2 - - [27/Mar/2023 21:45:03] "GET /lookup/GameStart HTTP/1.1" 200 -
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src-frontend-1 172.20.0.1 - - [27/Mar/2023 21:45:04] "POST /orders HTTP/1.1" 200 -

CLIENT src — mudit@v1965-172-31-135-72 — ..it_girish/src — -zsh — 101x60
(base) mudit@v1965-172-31-135-72 ~/Work/677/spring23-lab2-mudit_girish/src (main?) $ python client/main.py --num_requests=10 --display_results --order_prob=0.9
{'data': {'name': 'FishCo', 'price': 12.23, 'quantity': 101}}
{'data': {'transaction_number': 1}}
{'error': {'code': 404, 'message': 'stock not found'}}
{'error': {'code': 404, 'message': 'stock not found'}}
{'error': {'code': 404, 'message': 'transaction unsuccessful'}}
{'data': {'name': 'BoarCo', 'price': 11.54, 'quantity': 100}}
{'data': {'transaction_number': 2}}
{'error': {'code': 404, 'message': 'stock not found'}}
{'error': {'code': 404, 'message': 'transaction unsuccessful'}}
{'data': {'name': 'FishCo', 'price': 12.23, 'quantity': 100}}
{'data': {'transaction_number': 3}}
{'data': {'name': 'GameStart', 'price': 15.99, 'quantity': 100}}
{'data': {'transaction_number': 4}}
{'data': {'name': 'GameStart', 'price': 15.99, 'quantity': 101}}
{'data': {'transaction_number': 5}}
{'data': {'name': 'MenhirCo', 'price': 54.12, 'quantity': 100}}
{'data': {'transaction_number': 6}}
{'data': {'name': 'MenhirCo', 'price': 54.12, 'quantity': 97}}
{'data': {'transaction_number': 7}}
total lookup count 10
total order count 9
avg lookup time 0.02201390266418457
avg order time 0.024459891849093966
(base) mudit@v1965-172-31-135-72 ~/Work/677/spring23-lab2-mudit_girish/src (main?) $
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