

Outputs

Part 1

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Terminal Shell Edit View Window Help
mudit - ssh mchaudhary@elnux1.cs.umass.edu - ssh mchaudhary@elnux1.cs.umass.edu - 79x...
mchaudhary@elnux1... ssh mchaudhary@elnux1.cs.umass.edu ... mchaudhary@elnux1...
Server on EdLab
[INFO] --- jar:2.4:jar (default-jar) @ Client ---
[INFO] Building jar: /courses/cs600/cs677/mchaudhary/lab1-asterix-and-the-stock-bazaar-677_m/src/part1/Client/target/Client-1.0-SNAPSHOT.jar
[INFO] --- install:3.1.0:install (default-install) @ Client ---
[INFO] Installing /courses/cs600/cs677/mchaudhary/lab1-asterix-and-the-stock-bazaar-677_m/src/part1/Client/pom.xml to /nfs/elsrv4/users3/grad/mchaudhary/.m2/repository/com/compsci677/lab1/part1/Client/1.0-SNAPSHOT/Client-1.0-SNAPSHOT.pom
[INFO] Installing /courses/cs600/cs677/mchaudhary/lab1-asterix-and-the-stock-bazaar-677_m/src/part1/Client/target/Client-1.0-SNAPSHOT.jar to /nfs/elsrv4/users3/grad/mchaudhary/.m2/repository/com/compsci677/lab1/part1/Client/1.0-SNAPSHOT/Client-1.0-SNAPSHOT.jar
[INFO] Reactor Summary for part1 1.0-SNAPSHOT:
[INFO]
[INFO] part1 ..... SUCCESS [ 0.307 s]
[INFO] Server ..... SUCCESS [ 4.410 s]
[INFO] Client ..... SUCCESS [ 0.425 s]
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 5.243 s
[INFO] Finished at: 2023-02-27T20:04:21-05:00
[INFO]
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.compsci677.lab1.part1:Server >-----
[INFO] Building Server 1.0-SNAPSHOT
[INFO] from pom.xml
[INFO]
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- exec:3.1.0:java (default-cli) @ Server ---
Feb 27, 2023 8:04:24 PM com.compsci677.lab1.part1.Server <init>
INFO: Starting Server with 5 threads
Feb 27, 2023 8:04:24 PM com.compsci677.lab1.part1.Server populateDatabase
INFO: Populated Stock Database
Feb 27, 2023 8:04:24 PM com.compsci677.lab1.part1.ThreadPool startThreadPool
INFO: Created threadpool with 5 threads
Feb 27, 2023 8:04:24 PM com.compsci677.lab1.part1.Server <init>
INFO: Server Started
[base] mudit@campus-vpn-172-26-65-80 ~/Work/677/lab1-asterix-and-the-stock-bazaar-677_m/src/part1 (main*) $

part1 - mudit@campus-vpn-172-26-65-80 - ../m/src/part1 - -zsh - 89x49
Client on local machine
[INFO] Reactor Summary for part1 1.0-SNAPSHOT:
[INFO]
[INFO] part1 ..... SUCCESS [ 0.190 s]
[INFO] Server ..... SUCCESS [ 3.102 s]
[INFO] Client ..... SUCCESS [ 0.327 s]
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 3.706 s
[INFO] Finished at: 2023-02-27T20:04:56-05:00
[INFO]
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.compsci677.lab1.part1:Client >-----
[INFO] Building Client 1.0-SNAPSHOT
[INFO] from pom.xml
[INFO]
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- exec:3.1.0:java (default-cli) @ Client ---
The response from server for lookup FishCo is: 15.99
The response from server for lookup Invalid1 is: -1
The response from server for lookup Invalid2 is: -1
The response from server for lookup Invalid1 is: -1
The response from server for lookup GameStart is: 12.32
The response from server for lookup Invalid1 is: -1
The response from server for lookup GameStart is: 12.32
The response from server for lookup GameStart is: 12.32
The response from server for lookup Invalid2 is: -1
The response from server for lookup GameStart is: 12.32
Finished random auto trading. Mean response time(millisecons): 31.3 for 10 requests.
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 0.965 s
[INFO] Finished at: 2023-02-27T20:04:59-05:00
[INFO]
[base] mudit@campus-vpn-172-26-65-80 ~/Work/677/lab1-asterix-and-the-stock-bazaar-677_m/src/part1 (main*) $

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Part 2

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Terminal Shell Edit View Window Help
mudit — ssh mchaudhary@elnux1.cs.umass.edu — ssh mchaudhary@elnux1.cs.umass.edu — 79x...
Server on Edlab mchaudhary@elnux.cs.umass.edu +
[INFO] --- surefire:3.0.0-M8:test (default-test) @ Server ---
[INFO] No tests to run.
[INFO] --- jar:3.3.0:jar (default-jar) @ Server ---
[INFO] Building jar: /courses/cs600/cs677/mchaudhary/lab-1-asterix-and-the-stock-bazaar-677_m/src/part2/Server/target/Server-1.0-SNAPSHOT.jar
[INFO] --- install:3.1.0:install (default-install) @ Server ---
[INFO] Installing /courses/cs600/cs677/mchaudhary/lab-1-asterix-and-the-stock-bazaar-677_m/src/part2/Server/pom.xml to /nfs/elsrv4/users3/grad/mchaudhary/.m2/repository/com/compsci677/lab1/part2/Server/1.0-SNAPSHOT/Server-1.0-SNAPSHOT.pom
[INFO] Installing /courses/cs600/cs677/mchaudhary/lab-1-asterix-and-the-stock-bazaar-677_m/src/part2/Server/target/Server-1.0-SNAPSHOT.jar to /nfs/elsrv4/users3/grad/mchaudhary/.m2/repository/com/compsci677/lab1/part2/Server/1.0-SNAPSHOT/Server-1.0-SNAPSHOT.jar
[INFO] Reactor Summary for part2 1.0-SNAPSHOT:
[INFO]
[INFO] part2 ..... SUCCESS [ 0.399 s]
[INFO] Proto ..... SUCCESS [ 7.199 s]
[INFO] Client ..... SUCCESS [ 1.087 s]
[INFO] Server ..... SUCCESS [ 0.502 s]
[INFO] BUILD SUCCESS
[INFO] Total time: 9.876 s
[INFO] Finished at: 2023-02-27T19:55:59-05:00
[INFO] Scanning for projects...
[INFO] -----< com.compsci677.lab1.part2:Server >-----
[INFO] Building Server 1.0-SNAPSHOT
[INFO] from pom.xml
[INFO] -----[ jar ]-----
[INFO] --- exec:3.1.0:java (default-cli) @ Server ---
Feb 27, 2023 7:56:02 PM com.compsci677.lab1.part2.TradingServer main
INFO: Creating dynamic threadpool with 10 maximum threads
Feb 27, 2023 7:56:02 PM com.compsci677.lab1.part2.TradingServer main
INFO: Server started.
[INFO] Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built JDK ant

part2 — mudit@campus-vpn-172-26-65-80 — ..7_m/src/part2 — -zsh — 118x32
CustomerClient on local machine
[INFO] Finished at: 2023-02-27T19:59:45-05:00
[INFO]
Feb 27, 2023 7:59:47 PM com.compsci677.lab1.part2.ClientBase establishClient
INFO: Client Established.
Feb 27, 2023 7:59:47 PM com.compsci677.lab1.part2.CustomerClient main
INFO: Performing automated random trading for 10 seconds.
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase performLookup
INFO: lookup(MenhirCo) response > Status: SUCCESSFUL Status Code: 1 Price: 15.6 Trading Volume: 0
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase performTrade
INFO: trade(Invalid1,8,BUY) response > Status: INVALID_STOCK_NAME Status Code: -1
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase performLookup
INFO: lookup(BoarCo) response > Status: SUCCESSFUL Status Code: 1 Price: 22.5 Trading Volume: 10
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase performLookup
INFO: lookup(Invalid2) response > Status: INVALID_STOCK_NAME Status Code: -1 Price: -1.0 Trading Volume: 0
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase performTrade
INFO: trade(Invalid2,7,SELL) response > Status: INVALID_STOCK_NAME Status Code: -1
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase performTrade
INFO: trade(BoarCo,6,BUY) response > Status: SUCCESSFUL Status Code: 1
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase performLookup
INFO: lookup(BoarCo) response > Status: SUCCESSFUL Status Code: 1 Price: 22.5 Trading Volume: 16
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase performTrade
INFO: trade(FishCo,0,SELL) response > Status: SUCCESSFUL Status Code: 1
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.CustomerClient automatedClientDriver
INFO: Finished random auto trading. Mean response time(millisecond): 41.0 for 10 requests.
Feb 27, 2023 7:59:48 PM com.compsci677.lab1.part2.ClientBase shutdownClient
INFO: Client shutdown
(base) mudit@campus-vpn-172-26-65-80 ~/Work/677/lab-1-asterix-and-the-stock-bazaar-677_m/src/part2 (ma)

part2 — mudit@campus-vpn-172-26-65-80 — ..7_m/src/part2 — -zsh — 101x26
UpdatingClient on local machine
[INFO] -----< com.compsci677.lab1.part2:UpdatingClient >-----
[INFO] Building Client 1.0-SNAPSHOT
[INFO] from pom.xml
[INFO] -----[ jar ]-----
[INFO] --- exec:3.1.0:java (default-cli) @ Client ---
Feb 27, 2023 8:00:48 PM com.compsci677.lab1.part2.ClientBase establishClient
INFO: Client Established.
Feb 27, 2023 8:00:48 PM com.compsci677.lab1.part2.UpdatingClient main
INFO: Performing automated random updating for 2 seconds.
Feb 27, 2023 8:00:49 PM com.compsci677.lab1.part2.ClientBase performUpdate
INFO: update(BoarCo,43.82585) response > Status: SUCCESSFUL Status Code: 1
Feb 27, 2023 8:00:49 PM com.compsci677.lab1.part2.ClientBase performUpdate
INFO: update(GameStart,30.403835) response > Status: SUCCESSFUL Status Code: 1
Feb 27, 2023 8:00:49 PM com.compsci677.lab1.part2.ClientBase performUpdate
INFO: update(GameStart,42.076332) response > Status: SUCCESSFUL Status Code: 1
Feb 27, 2023 8:00:50 PM com.compsci677.lab1.part2.ClientBase shutdownClient
INFO: Client shutdown
[INFO] BUILD SUCCESS
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