```
Activating the network ...
 DEBUG : Network.run() - starting network thread
 Initializing the server ...
 Activating network components for server...
 Inializing the Accounts database ...
 DEBUG: Server initializeAccounts() 71 accounts processed
 Connecting server to network ...
 DEBUG : Server.run() - starting server thread connected
 Initializing client sending application ...
 Activating network components for client...
 Initializing the transactions ...
 DEBUG : Client.readTransactions() - 71 transactions processed
 Connecting client to network ...
 Initializing client receiving application ...
DEBUG : Client.run() - starting client sending thread connected
 DEBUG : Client.sendTransactions() - sending transaction on account
31718
 DEBUG : Network.send() - index inputIndexClient 0
 DEBUG : Network.send() - account number 31718
DEBUG : Client.sendTransactions() - sending transaction on account
11528
 DEBUG : Network.send() - index inputIndexClient 1
 DEBUG : Network.send() - account number 11528
 DEBUG : Client.sendTransactions() - sending transaction on account
16783
 DEBUG : Network.send() - index inputIndexClient 2
 DEBUG : Network.send() - account number 16783
```

```
DEBUG : Client.sendTransactions() - sending transaction on account
10538
DEBUG : Network.send() - index inputIndexClient 3
DEBUG : Network.send() - account number 10538
DEBUG : Client.sendTransactions() - sending transaction on account
21015
DEBUG : Network.send() - index inputIndexClient 4
DEBUG : Network.send() - account number 21015
DEBUG : Client.sendTransactions() - sending transaction on account
61326
DEBUG : Network.send() - index inputIndexClient 5
DEBUG : Network.send() - account number 61326
DEBUG : Client.sendTransactions() - sending transaction on account
82465
DEBUG : Network.send() - index inputIndexClient 6
 DEBUG : Server.processTransactions() - transferring in account
DEBUG : Network.send() - account number 82465
DEBUG : Client.sendTransactions() - sending transaction on account
31816
DEBUG : Network.send() - index inputIndexClient 7
DEBUG : Network.transferIn() - account number 31718
DEBUG : Network.send() - account number 31816
 DEBUG : Network.transferIn() - index outputIndexServer 0
DEBUG : Network.transferIn() - account number 31718
DEBUG : Client.sendTransactions() - sending transaction on account
73745
DEBUG : Network.send() - index inputIndexClient 8
 DEBUG: Network.send() - account number 73745
```

```
DEBUG : Client.sendTransactions() - sending transaction on account
81514
DEBUG : Network.send() - index inputIndexClient 9
 DEBUG : Network.send() - account number 81514
DEBUG : Client.sendTransactions() - sending transaction on account
71854
DEBUG : Network.send() - index inputIndexClient 0
DEBUG : Network.send() - account number 71854
 DEBUG : Network.send() - inComingBuffer status full
DEBUG: Server.processTransactions() - Deposit of 90.0 in account
31718
DEBUG : Server.processTransactions() - transferring out account 31718
DEBUG : Network.transferOut() - index inputIndexServer 0
 DEBUG : Network.transferOut() - account number 31718
 DEBUG : Server.processTransactions() - transferring in account 31718
DEBUG : Network.transferIn() - account number 11528
 DEBUG : Network.transferIn() - index outputIndexServer 1
 DEBUG : Network.transferIn() - account number 11528
 DEBUG : Client.sendTransactions() - sending transaction on account
92012
DEBUG : Network.send() - index inputIndexClient 1
DEBUG : Network.send() - account number 92012
 DEBUG : Network.receive() - index outputIndexClient 0
 DEBUG : Network.send() - inComingBuffer status full
 DEBUG : Network.receive() - account number 31718
 DEBUG: Server.processTransactions() - Withdrawal of 500.0 from
account 11528
DEBUG : Server.processTransactions() - transferring out account 11528
```

DEBUG : Network.receive() - outGoingBuffer status empty DEBUG : Client.receiveTransactions() - receiving updated transaction on account 31718 DEBUG : Network.transferOut() - index inputIndexServer 1 DEBUG : Network.transferOut() - account number 11528 DEBUG: Server.processTransactions() - transferring in account 11528 DEBUG : Network.transferIn() - account number 16783 DEBUG : Network.transferIn() - index outputIndexServer 2 DEBUG : Network.transferIn() - account number 16783 DEBUG : Client.sendTransactions() - sending transaction on account 52853 DEBUG: Server.processTransactions() - Withdrawal of 20000.0 from account 16783 DEBUG : Network.send() - index inputIndexClient 2 DEBUG : Server.processTransactions() - transferring out account 16783 DEBUG : Network.transferOut() - index inputIndexServer 2 DEBUG : Network.send() - account number 52853 DEBUG : Network.send() - inComingBuffer status full DEBUG : Network.transferOut() - account number 16783 DEBUG: Server.processTransactions() - transferring in account 16783 DEBUG : Network.transferIn() - account number 10538 DEBUG : Network.transferIn() - index outputIndexServer 3 DEBUG : Network.transferIn() - account number 10538 DEBUG : Server.processTransactions() - Deposit of 20000.0 in account 10538

DEBUG : Client.sendTransactions() - sending transaction on account

41714

```
DEBUG: Server.processTransactions() - transferring out account 10538
DEBUG : Network.send() - index inputIndexClient 3
DEBUG : Network.transferOut() - index inputIndexServer 3
 DEBUG : Network.send() - account number 41714
 DEBUG : Network.send() - inComingBuffer status full
 DEBUG : Network.transferOut() - account number 10538
DEBUG : Server.processTransactions() - transferring in account 10538
DEBUG: Network.transferIn() - account number 21015
 DEBUG : Network.transferIn() - index outputIndexServer 4
DEBUG : Network.transferIn() - account number 21015
DEBUG : Client.sendTransactions() - sending transaction on account
58342
DEBUG: Server.processTransactions() - Withdrawal of 25.0 from
account 21015
DEBUG : Server.processTransactions() - transferring out account 21015
DEBUG : Network.transferOut() - index inputIndexServer 4
 DEBUG: Network.transferOut() - account number 21015
DEBUG : Server.processTransactions() - transferring in account 21015
DEBUG : Network.transferIn() - account number 61326
 DEBUG : Network.transferIn() - index outputIndexServer 5
DEBUG : Network.transferIn() - account number 61326
 DEBUG : Network.send() - index inputIndexClient 4
 DEBUG : Network.send() - account number 58342
 DEBUG : Client.sendTransactions() - sending transaction on account
62080
DEBUG : Server.processTransactions() - Obtaining balance from
account61326
```

```
DEBUG : Network.send() - index inputIndexClient 5
DEBUG : Server.processTransactions() - transferring out account 61326
DEBUG : Network.transferOut() - index inputIndexServer 5
DEBUG : Network.transferOut() - account number 61326
DEBUG: Server.processTransactions() - transferring in account 61326
DEBUG: Network.transferIn() - account number 82465
DEBUG : Network.transferIn() - index outputIndexServer 6
DEBUG: Network.transferIn() - account number 82465
DEBUG : Network.send() - account number 62080
DEBUG: Server.processTransactions() - Deposit of 3000.0 in account
82465
DEBUG: Server.processTransactions() - transferring out account 82465
DEBUG : Network.transferOut() - index inputIndexServer 6
DEBUG : Client.sendTransactions() - sending transaction on account
21638
DEBUG : Network.send() - index inputIndexClient 6
DEBUG : Network.send() - account number 21638
DEBUG : Network.send() - inComingBuffer status full
DEBUG : Network.transferOut() - account number 82465
DEBUG: Server.processTransactions() - transferring in account 82465
DEBUG : Network.transferIn() - account number 31816
DEBUG : Network.transferIn() - index outputIndexServer 7
DEBUG: Network.transferIn() - account number 31816
DEBUG : Client.sendTransactions() - sending transaction on account
52726
DEBUG : Server.processTransactions() - Obtaining balance from
account31816
```

```
DEBUG: Server.processTransactions() - transferring out account 31816
DEBUG : Network.transferOut() - index inputIndexServer 7
DEBUG : Network.transferOut() - account number 31816
DEBUG : Network.send() - index inputIndexClient 7
DEBUG : Network.send() - account number 52726
DEBUG: Server process Transactions() - transferring in account 31816
DEBUG : Network.send() - inComingBuffer status full
DEBUG: Network.transferIn() - account number 73745
DEBUG : Network.transferIn() - index outputIndexServer 8
DEBUG : Network.transferIn() - account number 73745
DEBUG : Client.sendTransactions() - sending transaction on account
91316
DEBUG : Network.send() - index inputIndexClient 8
DEBUG: Network.send() - account number 91316
DEBUG : Network.send() - inComingBuffer status full
DEBUG: Server.processTransactions() - Deposit of 25.0 in account
73745
DEBUG : Server.processTransactions() - transferring out account 73745
DEBUG : Network.transferOut() - index inputIndexServer 8
DEBUG: Network.transferOut() - account number 73745
DEBUG: Server.processTransactions() - transferring in account 73745
DEBUG : Network.transferIn() - account number 81514
DEBUG : Network.transferIn() - index outputIndexServer 9
DEBUG : Network.transferIn() - account number 81514
DEBUG : Client.sendTransactions() - sending transaction on account
60520
DEBUG: Server.processTransactions() - Withdrawal of 1500.0 from
```

## account 81514

DEBUG : Network.send() - index inputIndexClient 9 DEBUG: Server.processTransactions() - transferring out account 81514 DEBUG : Network.transferOut() - index inputIndexServer 9 DEBUG : Network.transferOut() - account number 81514 DEBUG: Server.processTransactions() - transferring in account 81514 DEBUG : Network.transferIn() - account number 71854 DEBUG : Network.transferIn() - index outputIndexServer 0 DEBUG : Network.transferIn() - account number 71854 DEBUG : Server.processTransactions() - Withdrawal of 5000.0 from account 71854 DEBUG: Server.processTransactions() - transferring out account 71854 DEBUG : Network.transferOut() - index inputIndexServer 0 DEBUG: Network.transferOut() - account number 71854 DEBUG : Network.send() - account number 60520 DEBUG : Network.transferOut() - outGoingBuffer status full DEBUG : Client.sendTransactions() - sending transaction on account 23033 DEBUG : Server.processTransactions() - transferring in account 71854 DEBUG : Network.transferIn() - account number 92012 DEBUG : Network.transferIn() - index outputIndexServer 1 DEBUG : Network.transferIn() - account number 92012 DEBUG : Server.processTransactions() - Deposit of 725.0 in account 92012 DEBUG : Network.send() - index inputIndexClient 0 DEBUG : Network.send() - account number 23033

DEBUG : Client.sendTransactions() - sending transaction on account

DEBUG : Network.send() - index inputIndexClient 1 DEBUG: Network.send() - account number 41911 DEBUG : Network.send() - inComingBuffer status full Account number 31718 Account Balance 100.0 Message done DEBUG : Network.receive() - index outputIndexClient 1 DEBUG : Network.receive() - account number 11528 DEBUG : Client.receiveTransactions() - receiving updated transaction on account 11528 Account number 11528 Account Balance 500.0 Message done DEBUG : Network.receive() - index outputIndexClient 2 DEBUG : Network.receive() - account number 16783 DEBUG : Client.receiveTransactions() - receiving updated transaction on account 16783 Account number 16783 Account Balance 8000.0 Message done DEBUG : Server.processTransactions() - transferring out account 92012 DEBUG : Network.receive() - index outputIndexClient 3 DEBUG : Network.transferOut() - index inputIndexServer 1 DEBUG : Network.receive() - account number 10538 DEBUG : Client.receiveTransactions() - receiving updated transaction on account 10538 DEBUG : Network.transferOut() - account number 92012 DEBUG: Server.processTransactions() - transferring in account 92012 DEBUG : Network.transferIn() - account number 52853 DEBUG : Network.transferIn() - index outputIndexServer 2 DEBUG : Network.transferIn() - account number 52853 DEBUG : Client.sendTransactions() - sending transaction on account

DEBUG : Network.send() - index inputIndexClient 2 DEBUG : Network.send() - account number 39331 DEBUG : Network.send() - inComingBuffer status full Account number 10538 Account Balance 140000.0 Message done DEBUG : Network.receive() - index outputIndexClient 4 DEBUG : Network.receive() - account number 21015 DEBUG : Client.receiveTransactions() - receiving updated transaction on account 21015 DEBUG : Server.processTransactions() - Obtaining balance from account52853 DEBUG: Server.processTransactions() - transferring out account 52853 DEBUG : Network.transferOut() - index inputIndexServer 2 DEBUG : Network.transferOut() - account number 52853 DEBUG: Server.processTransactions() - transferring in account 52853 DEBUG : Network.transferIn() - account number 41714 DEBUG : Network.transferIn() - index outputIndexServer 3 DEBUG: Network.transferIn() - account number 41714 Account number 21015 Account Balance 100.0 Message done DEBUG : Client.sendTransactions() - sending transaction on account 91312 DEBUG : Network.send() - index inputIndexClient 3 DEBUG: Server.processTransactions() - Deposit of 100.0 in account 41714 DEBUG: Server.processTransactions() - transferring out account 41714 DEBUG : Network.transferOut() - index inputIndexServer 3 DEBUG : Network.transferOut() - account number 41714

```
DEBUG: Server.processTransactions() - transferring in account 41714
DEBUG : Network.transferIn() - account number 58342
DEBUG : Network.transferIn() - index outputIndexServer 4
 DEBUG : Network.transferIn() - account number 58342
DEBUG : Network.send() - account number 91312
 DEBUG : Client.sendTransactions() - sending transaction on account
15307
DEBUG : Network.receive() - index outputIndexClient 5
DEBUG: Server.processTransactions() - Withdrawal of 100.0 from
account 58342
DEBUG: Server.processTransactions() - transferring out account 58342
DEBUG : Network.send() - index inputIndexClient 4
DEBUG : Network.transferOut() - index inputIndexServer 4
DEBUG : Network.transferOut() - account number 58342
 DEBUG : Network.transferOut() - outGoingBuffer status full
DEBUG : Server.processTransactions() - transferring in account 58342
 DEBUG : Network.transferIn() - account number 62080
DEBUG : Network.receive() - account number 61326
DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 61326
DEBUG : Network.send() - account number 15307
Account number 61326 Account Balance 1750.0 Message done
DEBUG : Network.receive() - index outputIndexClient 6
 DEBUG: Network.receive() - account number 82465
 DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 82465
DEBUG : Network.transferIn() - index outputIndexServer 5
```

```
DEBUG : Network.transferIn() - account number 62080
Account number 82465 Account Balance 20000.0 Message done
DEBUG : Network.send() - inComingBuffer status full
DEBUG : Client.sendTransactions() - sending transaction on account
51728
DEBUG : Network.send() - index inputIndexClient 5
DEBUG : Network.send() - account number 51728
DEBUG : Network.send() - inComingBuffer status full
DEBUG : Network.receive() - index outputIndexClient 7
DEBUG: Server.processTransactions() - Deposit of 55.0 in account
62080
DEBUG : Server.processTransactions() - transferring out account 62080
DEBUG : Network.transferOut() - index inputIndexServer 5
DEBUG : Network.transferOut() - account number 62080
DEBUG: Server.processTransactions() - transferring in account 62080
DEBUG : Network.transferIn() - account number 21638
DEBUG : Network.transferIn() - index outputIndexServer 6
DEBUG : Network.transferIn() - account number 21638
DEBUG : Network.receive() - account number 31816
DEBUG : Client.sendTransactions() - sending transaction on account
43902
DEBUG : Server.processTransactions() - Withdrawal of 1000.0 from
account 21638
DEBUG : Server.processTransactions() - transferring out account 21638
DEBUG : Network.transferOut() - index inputIndexServer 6
DEBUG : Network.send() - index inputIndexClient 6
DEBUG : Network.send() - account number 43902
```

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 31816

DEBUG : Network.transferOut() - account number 21638

DEBUG : Server.processTransactions() - transferring in account 21638

DEBUG : Network.transferIn() - account number 52726

Account number 31816 Account Balance 20500.0 Message done

DEBUG : Network.transferIn() - index outputIndexServer 7

DEBUG : Network.transferIn() - account number 52726

DEBUG : Network.receive() - index outputIndexClient 8

DEBUG : Network.receive() - account number 73745

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 73745

DEBUG : Client.sendTransactions() - sending transaction on account
52521

DEBUG : Server.processTransactions() - Withdrawal of 5000.0 from account 52726

DEBUG : Server.processTransactions() - transferring out account 52726

Account number 73745 Account Balance 100.0 Message done

DEBUG : Network.transferOut() - index inputIndexServer 7

DEBUG : Network.send() - index inputIndexClient 7

DEBUG : Network.receive() - index outputIndexClient 9

DEBUG : Network.send() - account number 52521

DEBUG : Network.receive() - account number 81514

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 81514

DEBUG : Network.send() - inComingBuffer status full

Account number 81514 Account Balance -200.0 Message done

DEBUG : Network.receive() - index outputIndexClient 0

DEBUG : Network.receive() - account number 71854

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 71854

DEBUG : Network.transferOut() - account number 52726

DEBUG : Server.processTransactions() - transferring in account 52726

DEBUG : Network.transferIn() - account number 91316

DEBUG : Network.transferIn() - index outputIndexServer 8

Account number 71854 Account Balance 10000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 1

DEBUG : Network.transferIn() - account number 91316

DEBUG : Network.receive() - account number 92012

DEBUG : Client.sendTransactions() - sending transaction on account
31215

DEBUG : Network.send() - index inputIndexClient 8

DEBUG : Network.send() - account number 31215

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Server.processTransactions() - Obtaining balance from account91316

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 92012

DEBUG : Server.processTransactions() - transferring out account 91316

Account number 92012 Account Balance 750.0 Message done

DEBUG : Network.receive() - index outputIndexClient 2

DEBUG : Network.receive() - account number 52853

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 52853

Account number 52853 Account Balance 1000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 3

DEBUG : Network.receive() - account number 41714

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 41714

Account number 41714 Account Balance 1100.0 Message done

DEBUG : Network.receive() - index outputIndexClient 4

DEBUG : Network.receive() - account number 58342

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 58342

Account number 58342 Account Balance 0.0 Message done

DEBUG : Network.receive() - index outputIndexClient 5

DEBUG : Network.receive() - account number 62080

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 62080

Account number 62080 Account Balance 100.0 Message done

DEBUG : Network.receive() - index outputIndexClient 6

DEBUG : Network.receive() - account number 21638

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 21638

Account number 21638 Account Balance -1000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 7

DEBUG : Network.receive() - account number 52726

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Network.transferOut() - index inputIndexServer 8

DEBUG : Network.transferOut() - account number 91316

DEBUG : Server.processTransactions() - transferring in account 91316

DEBUG : Network.transferIn() - account number 60520

DEBUG : Network.transferIn() - index outputIndexServer 9

DEBUG : Network.transferIn() - account number 60520

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 52726

DEBUG : Server.processTransactions() - Deposit of 1035.0 in account 60520

DEBUG : Server.processTransactions() - transferring out account 60520

DEBUG : Network.transferOut() - index inputIndexServer 9

DEBUG : Client.sendTransactions() - sending transaction on account
22310

DEBUG : Network.send() - index inputIndexClient 9

Account number 52726 Account Balance 33000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 8

DEBUG : Network.receive() - account number 91316

DEBUG : Network.send() - account number 22310

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Network.transferOut() - account number 60520

DEBUG : Network.send() - inComingBuffer status full

DEBUG: Server.processTransactions() - transferring in account 60520

DEBUG : Network.transferIn() - account number 23033

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 91316

DEBUG : Network.transferIn() - index outputIndexServer 0

DEBUG : Network.transferIn() - account number 23033

Account number 91316 Account Balance 65000.0 Message done

DEBUG : Client.sendTransactions() - sending transaction on account
26734

DEBUG : Network.receive() - index outputIndexClient 9

DEBUG : Network.send() - index inputIndexClient 0

DEBUG : Network.receive() - account number 60520

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 60520

Account number 60520 Account Balance 1100.0 Message done

DEBUG : Server.processTransactions() - Withdrawal of 10000.0 from account 23033

DEBUG : Network.send() - account number 26734

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Server.processTransactions() - transferring out account 23033

DEBUG : Network.transferOut() - index inputIndexServer 0

DEBUG : Network.transferOut() - account number 23033

DEBUG : Server.processTransactions() - transferring in account 23033

DEBUG: Network.transferIn() - account number 41911

DEBUG : Network.transferIn() - index outputIndexServer 1

DEBUG : Network.transferIn() - account number 41911

DEBUG : Network.receive() - index outputIndexClient 0

DEBUG : Network.receive() - account number 23033

DEBUG : Server.processTransactions() - Deposit of 220.0 in account 41911

DEBUG : Server.processTransactions() - transferring out account 41911

DEBUG : Network.transferOut() - index inputIndexServer 1

DEBUG : Network.transferOut() - account number 41911

DEBUG : Server.processTransactions() - transferring in account 41911

DEBUG : Network.transferIn() - account number 39331

DEBUG : Network.transferIn() - index outputIndexServer 2

DEBUG : Network.transferIn() - account number 39331

DEBUG : Client.sendTransactions() - sending transaction on account
41024

DEBUG : Server.processTransactions() - Withdrawal of 10.0 from account 39331

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 23033

DEBUG : Network.send() - index inputIndexClient 1

DEBUG : Server.processTransactions() - transferring out account 39331

DEBUG : Network.send() - account number 41024

DEBUG : Client.sendTransactions() - sending transaction on account
38421

DEBUG : Network.send() - index inputIndexClient 2

DEBUG : Network.transferOut() - index inputIndexServer 2

DEBUG : Network.send() - account number 38421

Account number 23033 Account Balance 30000.0 Message done

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Network.transferOut() - account number 39331

DEBUG : Server.processTransactions() - transferring in account 39331

DEBUG : Network.transferIn() - account number 91312

DEBUG : Network.transferIn() - index outputIndexServer 3

DEBUG : Network.transferIn() - account number 91312

DEBUG : Network.receive() - index outputIndexClient 1

DEBUG : Network.receive() - account number 41911

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 41911

DEBUG : Server.processTransactions() - Withdrawal of 1850.0 from account 91312

DEBUG : Server.processTransactions() - transferring out account 91312

DEBUG : Client.sendTransactions() - sending transaction on account
70321

Account number 41911 Account Balance 1500.0 Message done

DEBUG : Network.transferOut() - index inputIndexServer 3

DEBUG : Network.receive() - index outputIndexClient 2

DEBUG : Network.receive() - account number 39331

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 39331

DEBUG : Network.send() - index inputIndexClient 3

Account number 39331 Account Balance 0.0 Message done

DEBUG : Network.transferOut() - account number 91312

DEBUG : Server.processTransactions() - transferring in account 91312

DEBUG : Network.transferIn() - account number 15307

DEBUG : Network.send() - account number 70321

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Network.receive() - index outputIndexClient 3

DEBUG : Network.receive() - account number 91312

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 91312

DEBUG : Network.transferIn() - index outputIndexServer 4

Account number 91312 Account Balance 1000.0 Message done

DEBUG : Network.transferIn() - account number 15307

DEBUG : Client.sendTransactions() - sending transaction on account

12421

DEBUG : Network.send() - index inputIndexClient 4

DEBUG : Network.send() - account number 12421

DEBUG : Network.send() - inComingBuffer status full

DEBUG: Server.processTransactions() - Deposit of 250.0 in account

15307

DEBUG : Server.processTransactions() - transferring out account 15307

DEBUG : Network.transferOut() - index inputIndexServer 4

DEBUG : Network.transferOut() - account number 15307

DEBUG: Server.processTransactions() - transferring in account 15307

DEBUG : Network.transferIn() - account number 51728

DEBUG : Network.transferIn() - index outputIndexServer 5

DEBUG : Network.transferIn() - account number 51728

DEBUG : Network.receive() - index outputIndexClient 4

DEBUG : Network.receive() - account number 15307

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction

on account 15307

Account number 15307 Account Balance 300.0 Message done

DEBUG : Server.processTransactions() - Withdrawal of 800.0 from

account 51728

DEBUG : Server.processTransactions() - transferring out account 51728

DEBUG : Client.sendTransactions() - sending transaction on account

82411

DEBUG : Network.transferOut() - index inputIndexServer 5

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DEBUG : Network.transferOut() - account number 51728
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DEBUG : Server.processTransactions() - transferring in account 51728

DEBUG : Network.send() - index inputIndexClient 5

DEBUG : Network.receive() - index outputIndexClient 5

DEBUG : Network.transferIn() - account number 43902

DEBUG : Network.receive() - account number 51728

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 51728

Account number 51728 Account Balance -800.0 Message done

DEBUG : Network.send() - account number 82411

DEBUG : Network.transferIn() - index outputIndexServer 6

DEBUG : Network.transferIn() - account number 43902

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Server.processTransactions() - Withdrawal of 100.0 from account 43902

DEBUG : Client.sendTransactions() - sending transaction on account
21117

DEBUG : Network.send() - index inputIndexClient 6

DEBUG : Network.send() - account number 21117

DEBUG : Network.send() - inComingBuffer status full

DEBUG: Server.processTransactions() - transferring out account 43902

DEBUG : Network.transferOut() - index inputIndexServer 6

DEBUG : Network.transferOut() - account number 43902

DEBUG : Server.processTransactions() - transferring in account 43902

DEBUG : Network.transferIn() - account number 52521

DEBUG : Network.transferIn() - index outputIndexServer 7

DEBUG : Network.receive() - index outputIndexClient 6

DEBUG : Network.receive() - account number 43902

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 43902

DEBUG : Network.transferIn() - account number 52521

DEBUG : Server.processTransactions() - Deposit of 1800.0 in account 52521

DEBUG : Server.processTransactions() - transferring out account 52521

DEBUG : Network.transferOut() - index inputIndexServer 7

DEBUG : Network.transferOut() - account number 52521

DEBUG : Server.processTransactions() - transferring in account 52521

DEBUG : Network.transferIn() - account number 31215

DEBUG : Network.transferIn() - index outputIndexServer 8

DEBUG: Network.transferIn() - account number 31215

DEBUG : Server.processTransactions() - Obtaining balance from account31215

DEBUG : Server.processTransactions() - transferring out account 31215

DEBUG : Network.transferOut() - index inputIndexServer 8

DEBUG : Network.transferOut() - account number 31215

DEBUG : Server.processTransactions() - transferring in account 31215

DEBUG : Network.transferIn() - account number 22310

DEBUG : Network.transferIn() - index outputIndexServer 9

DEBUG : Network.transferIn() - account number 22310

Account number 43902 Account Balance 1000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 7

DEBUG : Network.receive() - account number 52521

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 52521

DEBUG : Client.sendTransactions() - sending transaction on account
00925

DEBUG : Server.processTransactions() - Deposit of 80.0 in account
22310

DEBUG : Server.processTransactions() - transferring out account 22310

DEBUG : Network.send() - index inputIndexClient 7

DEBUG : Network.send() - account number 00925

DEBUG : Client.sendTransactions() - sending transaction on account
31820

DEBUG : Network.send() - index inputIndexClient 8

DEBUG : Network.send() - account number 31820

DEBUG : Client.sendTransactions() - sending transaction on account
91715

DEBUG : Network.send() - index inputIndexClient 9

DEBUG : Network.send() - account number 91715

DEBUG : Network.send() - inComingBuffer status full

Account number 52521 Account Balance 7000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 8

DEBUG : Network.receive() - account number 31215

DEBUG : Network.transferOut() - index inputIndexServer 9

DEBUG : Network.transferOut() - account number 22310

DEBUG: Server.processTransactions() - transferring in account 22310

DEBUG : Network.transferIn() - account number 26734

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction

## on account 31215

32613

DEBUG : Network.transferIn() - index outputIndexServer 0 DEBUG: Network.transferIn() - account number 26734 Account number 31215 Account Balance 2000.0 Message done DEBUG : Network.receive() - index outputIndexClient 9 DEBUG : Network.receive() - account number 22310 DEBUG : Network.receive() - outGoingBuffer status empty DEBUG : Client.receiveTransactions() - receiving updated transaction on account 22310 Account number 22310 Account Balance 100.0 Message done DEBUG: Server.processTransactions() - Withdrawal of 90.0 from account 26734 DEBUG: Server.processTransactions() - transferring out account 26734 DEBUG : Client.sendTransactions() - sending transaction on account 31012 DEBUG : Network.transferOut() - index inputIndexServer 0 DEBUG : Network.transferOut() - account number 26734 DEBUG : Server.processTransactions() - transferring in account 26734 DEBUG: Network.transferIn() - account number 41024 DEBUG : Network.send() - index inputIndexClient 0 DEBUG : Network.transferIn() - index outputIndexServer 1 DEBUG : Network.transferIn() - account number 41024 DEBUG : Network.receive() - index outputIndexClient 0 DEBUG : Network.receive() - account number 26734 DEBUG : Network.send() - account number 31012 DEBUG : Client.sendTransactions() - sending transaction on account

DEBUG: Server.processTransactions() - Deposit of 495.0 in account 41024 DEBUG : Network.send() - index inputIndexClient 1 DEBUG : Network.send() - account number 32613 DEBUG : Network.send() - inComingBuffer status full DEBUG : Network.receive() - outGoingBuffer status empty DEBUG : Client.receiveTransactions() - receiving updated transaction on account 26734 DEBUG : Server.processTransactions() - transferring out account 41024 DEBUG : Network.transferOut() - index inputIndexServer 1 DEBUG : Network.transferOut() - account number 41024 DEBUG: Server.processTransactions() - transferring in account 41024 DEBUG : Network.transferIn() - account number 38421 Account number 26734 Account Balance 600.0 Message done DEBUG : Network.receive() - index outputIndexClient 1 DEBUG : Network.transferIn() - index outputIndexServer 2 DEBUG : Network.transferIn() - account number 38421 DEBUG: Network receive() - account number 41024 DEBUG: Server.processTransactions() - Deposit of 500.0 in account 38421 DEBUG : Client.sendTransactions() - sending transaction on account 13133 DEBUG : Network.send() - index inputIndexClient 2 DEBUG : Network.send() - account number 13133 DEBUG : Network.send() - inComingBuffer status full DEBUG: Server.processTransactions() - transferring out account 38421 DEBUG : Network.transferOut() - index inputIndexServer 2

DEBUG : Network.transferOut() - account number 38421

DEBUG : Server.processTransactions() - transferring in account 38421

DEBUG : Network.transferIn() - account number 70321

DEBUG : Network.transferIn() - index outputIndexServer 3

DEBUG : Network.transferIn() - account number 70321

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 41024

DEBUG : Client.sendTransactions() - sending transaction on account
43018

DEBUG : Network.send() - index inputIndexClient 3

DEBUG : Network.send() - account number 43018

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Server.processTransactions() - Obtaining balance from account70321

DEBUG : Server.processTransactions() - transferring out account 70321

DEBUG : Network.transferOut() - index inputIndexServer 3

DEBUG : Network.transferOut() - account number 70321

DEBUG: Server.processTransactions() - transferring in account 70321

DEBUG : Network.transferIn() - account number 12421

DEBUG : Network.transferIn() - index outputIndexServer 4

DEBUG : Network.transferIn() - account number 12421

Account number 41024 Account Balance 1500.0 Message done

DEBUG : Network.receive() - index outputIndexClient 2

DEBUG : Network.receive() - account number 38421

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 38421

DEBUG : Client.sendTransactions() - sending transaction on account 91412 DEBUG : Network.send() - index inputIndexClient 4 DEBUG : Network.send() - account number 91412 DEBUG: Server.processTransactions() - Withdrawal of 90.0 from account 12421 DEBUG : Network.send() - inComingBuffer status full DEBUG : Server.processTransactions() - transferring out account 12421 DEBUG : Network.transferOut() - index inputIndexServer 4 DEBUG : Network.transferOut() - account number 12421 DEBUG : Server.processTransactions() - transferring in account 12421 Account number 38421 Account Balance 5800.0 Message done DEBUG : Network.receive() - index outputIndexClient 3 DEBUG : Network.receive() - account number 70321 DEBUG : Client.receiveTransactions() - receiving updated transaction on account 70321 DEBUG : Network.transferIn() - account number 82411 Account number 70321 Account Balance 0.0 Message done DEBUG : Network.transferIn() - index outputIndexServer 5 DEBUG : Network.transferIn() - account number 82411 DEBUG : Network.receive() - index outputIndexClient 4 DEBUG : Network.receive() - account number 12421 DEBUG : Network.receive() - outGoingBuffer status empty DEBUG : Client.receiveTransactions() - receiving updated transaction on account 12421

Account number 12421 Account Balance 1000.0 Message done

account 82411

DEBUG: Server.processTransactions() - Withdrawal of 500.0 from

```
DEBUG : Server.processTransactions() - transferring out account 82411
DEBUG : Network.transferOut() - index inputIndexServer 5
DEBUG : Network.transferOut() - account number 82411
DEBUG: Server.processTransactions() - transferring in account 82411
DEBUG : Network.transferIn() - account number 21117
DEBUG : Network.transferIn() - index outputIndexServer 6
DEBUG : Network.transferIn() - account number 21117
DEBUG: Server.processTransactions() - Deposit of 15.0 in account
21117
DEBUG : Server.processTransactions() - transferring out account 21117
DEBUG : Network.transferOut() - index inputIndexServer 6
DEBUG : Network.transferOut() - account number 21117
DEBUG : Server.processTransactions() - transferring in account 21117
DEBUG: Network.transferIn() - account number 00925
DEBUG : Network.transferIn() - index outputIndexServer 7
DEBUG: Network.transferIn() - account number 00925
DEBUG : Server.processTransactions() - Deposit of 325.0 in account
00925
DEBUG: Server.processTransactions() - transferring out account 00925
DEBUG : Network.transferOut() - index inputIndexServer 7
DEBUG : Network.transferOut() - account number 00925
DEBUG: Server.processTransactions() - transferring in account 00925
DEBUG : Network.transferIn() - account number 31820
DEBUG : Network.transferIn() - index outputIndexServer 8
DEBUG : Client.sendTransactions() - sending transaction on account
11314
```

DEBUG : Network.transferIn() - account number 31820

DEBUG : Network.receive() - index outputIndexClient 5

DEBUG: Server.processTransactions() - Withdrawal of 900.0 from account 31820

DEBUG : Network.send() - index inputIndexClient 5

DEBUG : Network.receive() - account number 82411

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 82411

Account number 82411 Account Balance -400.0 Message done

DEBUG : Network.receive() - index outputIndexClient 6

DEBUG : Network.receive() - account number 21117

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 21117

Account number 21117 Account Balance 100.0 Message done

DEBUG : Network.receive() - index outputIndexClient 7

DEBUG: Network.receive() - account number 00925

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 00925

DEBUG : Server.processTransactions() - transferring out account 31820

DEBUG : Network.send() - account number 11314

DEBUG : Network.transferOut() - index inputIndexServer 8

DEBUG : Network.transferOut() - account number 31820

Account number 00925 Account Balance 1000.0 Message done

DEBUG : Server.processTransactions() - transferring in account 31820

DEBUG: Network.transferIn() - account number 91715

DEBUG : Client.sendTransactions() - sending transaction on account
00812

```
DEBUG : Network.transferIn() - index outputIndexServer 9
DEBUG : Network.transferIn() - account number 91715
DEBUG : Network.receive() - index outputIndexClient 8
DEBUG : Network.receive() - account number 31820
DEBUG : Network.send() - index inputIndexClient 6
DEBUG: Server.processTransactions() - Deposit of 35.0 in account
91715
DEBUG : Network.receive() - outGoingBuffer status empty
DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 31820
DEBUG: Server.processTransactions() - transferring out account 91715
DEBUG : Network.transferOut() - index inputIndexServer 9
DEBUG : Network.transferOut() - account number 91715
DEBUG : Server.processTransactions() - transferring in account 91715
DEBUG : Network.transferIn() - account number 31012
DEBUG : Network.transferIn() - index outputIndexServer 0
DEBUG : Network.transferIn() - account number 31012
DEBUG : Network.send() - account number 00812
DEBUG : Client.sendTransactions() - sending transaction on account
61527
DEBUG : Network.send() - index inputIndexClient 7
DEBUG : Network.send() - account number 61527
DEBUG: Server.processTransactions() - Withdrawal of 1000.0 from
account 31012
DEBUG : Server.processTransactions() - transferring out account 31012
DEBUG : Network.transferOut() - index inputIndexServer 0
DEBUG : Network.transferOut() - account number 31012
```

```
DEBUG : Server.processTransactions() - transferring in account 31012
DEBUG : Network.transferIn() - account number 32613
DEBUG : Network.transferIn() - index outputIndexServer 1
DEBUG : Network.transferIn() - account number 32613
Account number 31820 Account Balance 1000.0 Message done
DEBUG: Server.processTransactions() - Deposit of 1500.0 in account
32613
DEBUG: Server.processTransactions() - transferring out account 32613
DEBUG : Network.transferOut() - index inputIndexServer 1
DEBUG : Network.transferOut() - account number 32613
DEBUG: Server.processTransactions() - transferring in account 32613
DEBUG : Network.transferIn() - account number 13133
DEBUG : Client.sendTransactions() - sending transaction on account
43817
DEBUG : Network.transferIn() - index outputIndexServer 2
DEBUG : Network.transferIn() - account number 13133
DEBUG : Network.receive() - index outputIndexClient 9
DEBUG : Network.receive() - account number 91715
DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 91715
DEBUG : Network.send() - index inputIndexClient 8
DEBUG : Network.send() - account number 43817
Account number 91715 Account Balance 100.0 Message done
DEBUG: Server.processTransactions() - Withdrawal of 300.0 from
account 13133
DEBUG : Server.processTransactions() - transferring out account 13133
```

DEBUG : Network.receive() - index outputIndexClient 0

DEBUG : Network.receive() - account number 31012

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 31012

DEBUG : Client.sendTransactions() - sending transaction on account
92018

Account number 31012 Account Balance -1000.0 Message done

DEBUG : Network.transferOut() - index inputIndexServer 2

DEBUG : Network.transferOut() - account number 13133

DEBUG : Server.processTransactions() - transferring in account 13133

DEBUG : Network.transferIn() - account number 43018

DEBUG : Network.receive() - index outputIndexClient 1

DEBUG : Network.send() - index inputIndexClient 9

DEBUG : Network.send() - account number 92018

DEBUG : Network.transferIn() - index outputIndexServer 3

DEBUG: Network.transferIn() - account number 43018

DEBUG : Client.sendTransactions() - sending transaction on account 42850

DEBUG : Network.receive() - account number 32613

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 32613

DEBUG : Server.processTransactions() - Deposit of 250.0 in account 43018

DEBUG : Server.processTransactions() - transferring out account 43018

DEBUG : Network.transferOut() - index inputIndexServer 3

DEBUG : Network.transferOut() - account number 43018

DEBUG : Server.processTransactions() - transferring in account 43018

DEBUG : Network.transferIn() - account number 91412

```
DEBUG : Network.transferIn() - index outputIndexServer 4
DEBUG: Network.transferIn() - account number 91412
 DEBUG : Server.processTransactions() - Deposit of 305.0 in account
91412
DEBUG: Server.processTransactions() - transferring out account 91412
DEBUG : Network.transferOut() - index inputIndexServer 4
 DEBUG : Network.transferOut() - account number 91412
DEBUG : Server.processTransactions() - transferring in account 91412
DEBUG : Network.transferIn() - account number 11314
DEBUG : Network.transferIn() - index outputIndexServer 5
 DEBUG : Network.transferIn() - account number 11314
DEBUG: Server.processTransactions() - Deposit of 1000.0 in account
11314
DEBUG: Server.processTransactions() - transferring out account 11314
 DEBUG : Network.transferOut() - index inputIndexServer 5
 DEBUG : Network.transferOut() - account number 11314
 DEBUG: Server.processTransactions() - transferring in account 11314
DEBUG : Network.transferIn() - account number 00812
 DEBUG : Network.transferIn() - index outputIndexServer 6
 DEBUG : Network.transferIn() - account number 00812
 DEBUG : Server.processTransactions() - Obtaining balance from
account00812
DEBUG: Server.processTransactions() - transferring out account 00812
 DEBUG : Network.transferOut() - index inputIndexServer 6
 DEBUG : Network.transferOut() - account number 00812
DEBUG : Server.processTransactions() - transferring in account 00812
 DEBUG : Network.transferIn() - account number 61527
```

DEBUG : Network.transferIn() - index outputIndexServer 7

DEBUG : Network.transferIn() - account number 61527

DEBUG: Server.processTransactions() - Withdrawal of 10000.0 from account 61527

DEBUG : Server.processTransactions() - transferring out account 61527

DEBUG : Network.transferOut() - index inputIndexServer 7

DEBUG : Network.transferOut() - account number 61527

DEBUG : Server.processTransactions() - transferring in account 61527

DEBUG : Network.transferIn() - account number 43817

DEBUG : Network.transferIn() - index outputIndexServer 8

DEBUG : Network.transferIn() - account number 43817

DEBUG : Network.send() - index inputIndexClient 0

DEBUG : Network.send() - account number 42850

DEBUG : Client.sendTransactions() - sending transaction on account
92716

Account number 32613 Account Balance 3000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 2

DEBUG : Network.receive() - account number 13133

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 13133

DEBUG : Network.send() - index inputIndexClient 1

DEBUG : Server.processTransactions() - Deposit of 65.0 in account 43817

DEBUG: Network.send() - account number 92716

Account number 13133 Account Balance -100.0 Message done

DEBUG : Client.sendTransactions() - sending transaction on account
01113

```
DEBUG: Server.processTransactions() - transferring out account 43817
DEBUG : Network.transferOut() - index inputIndexServer 8
DEBUG : Network.send() - index inputIndexClient 2
DEBUG : Network.send() - account number 01113
DEBUG : Client.sendTransactions() - sending transaction on account
60716
DEBUG : Network.send() - index inputIndexClient 3
DEBUG : Network.send() - account number 60716
DEBUG : Client.sendTransactions() - sending transaction on account
01823
DEBUG : Network.send() - index inputIndexClient 4
DEBUG : Network.send() - account number 01823
DEBUG : Client.sendTransactions() - sending transaction on account
13331
DEBUG : Network.send() - index inputIndexClient 5
DEBUG : Network.send() - account number 13331
DEBUG : Client.sendTransactions() - sending transaction on account
81368
DEBUG : Network.receive() - index outputIndexClient 3
DEBUG : Network.receive() - account number 43018
DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 43018
DEBUG : Network.send() - index inputIndexClient 6
DEBUG : Network.send() - account number 81368
DEBUG : Client.sendTransactions() - sending transaction on account
91214
DEBUG : Network.send() - index inputIndexClient 7
DEBUG: Network.send() - account number 91214
```

```
DEBUG : Client.sendTransactions() - sending transaction on account
91245
DEBUG : Network.send() - index inputIndexClient 8
DEBUG : Network.send() - account number 91245
DEBUG : Network.send() - inComingBuffer status full
DEBUG : Network.transferOut() - account number 43817
 Account number 43018 Account Balance 500.0 Message done
DEBUG : Network.receive() - index outputIndexClient 4
DEBUG : Network.receive() - account number 91412
 DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 91412
 DEBUG: Server.processTransactions() - transferring in account 43817
DEBUG : Network.transferIn() - account number 92018
Account number 91412 Account Balance 400.0 Message done
 DEBUG : Network.transferIn() - index outputIndexServer 9
DEBUG : Network.transferIn() - account number 92018
 DEBUG : Client.sendTransactions() - sending transaction on account
42018
DEBUG : Network.send() - index inputIndexClient 9
DEBUG : Network.send() - account number 42018
DEBUG : Network.send() - inComingBuffer status full
DEBUG: Server.processTransactions() - Withdrawal of 250.0 from
account 92018
DEBUG : Network.receive() - index outputIndexClient 5
DEBUG : Network.receive() - account number 11314
DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 11314
DEBUG : Server.processTransactions() - transferring out account 92018
```

Account number 11314 Account Balance 1000.0 Message done DEBUG : Network.receive() - index outputIndexClient 6 DEBUG : Network.receive() - account number 00812 DEBUG : Client.receiveTransactions() - receiving updated transaction on account 00812 DEBUG : Network.transferOut() - index inputIndexServer 9 DEBUG : Network.transferOut() - account number 92018 Account number 00812 Account Balance 1620.0 Message done DEBUG : Network.receive() - index outputIndexClient 7 DEBUG : Network.receive() - account number 61527 DEBUG : Client.receiveTransactions() - receiving updated transaction on account 61527 DEBUG : Server.processTransactions() - transferring in account 92018 DEBUG : Network.transferIn() - account number 42850 Account number 61527 Account Balance 0.0 Message done DEBUG : Network.transferIn() - index outputIndexServer 0 DEBUG : Network.transferIn() - account number 42850 DEBUG : Network.receive() - index outputIndexClient 8 DEBUG : Network.receive() - account number 43817 DEBUG : Server.processTransactions() - Deposit of 655.0 in account 42850 DEBUG : Server.processTransactions() - transferring out account 42850 DEBUG : Client.sendTransactions() - sending transaction on account 62023 DEBUG : Network.send() - index inputIndexClient 0 DEBUG : Network.transferOut() - index inputIndexServer 0

DEBUG : Network.transferOut() - account number 42850

```
DEBUG : Server.processTransactions() - transferring in account 42850
```

DEBUG : Network.transferIn() - account number 92716

DEBUG : Network.transferIn() - index outputIndexServer 1

DEBUG : Network.transferIn() - account number 92716

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 43817

DEBUG : Server.processTransactions() - Withdrawal of 345.0 from account 92716

DEBUG : Server.processTransactions() - transferring out account 92716

DEBUG : Network.transferOut() - index inputIndexServer 1

DEBUG : Network.transferOut() - account number 92716

DEBUG : Network.send() - account number 62023

DEBUG : Client.sendTransactions() - sending transaction on account
01314

DEBUG : Network.send() - index inputIndexClient 1

DEBUG : Network.send() - account number 01314

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Server.processTransactions() - transferring in account 92716

DEBUG : Network.transferIn() - account number 01113

DEBUG : Network.transferIn() - index outputIndexServer 2

DEBUG : Network.transferIn() - account number 01113

Account number 43817 Account Balance 100.0 Message done

DEBUG : Server.processTransactions() - Deposit of 155.0 in account
01113

DEBUG : Server.processTransactions() - transferring out account 01113

DEBUG : Network.transferOut() - index inputIndexServer 2

DEBUG : Client.sendTransactions() - sending transaction on account

DEBUG : Network.receive() - index outputIndexClient 9 DEBUG : Network.receive() - account number 92018 DEBUG : Network.transferOut() - account number 01113 DEBUG: Server.processTransactions() - transferring in account 01113 DEBUG: Network.transferIn() - account number 60716 DEBUG : Network.transferIn() - index outputIndexServer 3 DEBUG: Network.transferIn() - account number 60716 DEBUG : Client.receiveTransactions() - receiving updated transaction on account 92018 DEBUG: Server.processTransactions() - Deposit of 700.0 in account 60716 DEBUG: Server.processTransactions() - transferring out account 60716 DEBUG : Network.transferOut() - index inputIndexServer 3 DEBUG : Network.transferOut() - account number 60716 DEBUG : Server.processTransactions() - transferring in account 60716 DEBUG : Network.transferIn() - account number 01823 DEBUG : Network.transferIn() - index outputIndexServer 4 DEBUG : Network.transferIn() - account number 01823 DEBUG: Server.processTransactions() - Deposit of 300.0 in account 01823 DEBUG: Server.processTransactions() - transferring out account 01823 Account number 92018 Account Balance -250.0 Message done DEBUG : Network.send() - index inputIndexClient 2 DEBUG : Network.send() - account number 20922 DEBUG : Client.sendTransactions() - sending transaction on account 21219

DEBUG : Network.send() - index inputIndexClient 3

DEBUG : Network.send() - account number 21219

DEBUG : Client.sendTransactions() - sending transaction on account

83530

DEBUG : Network.send() - index inputIndexClient 4

DEBUG : Network.send() - account number 83530

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Network.receive() - index outputIndexClient 0

DEBUG : Network.receive() - account number 42850

DEBUG : Client.receiveTransactions() - receiving updated transaction

on account 42850

DEBUG : Network.transferOut() - index inputIndexServer 4

DEBUG : Network.transferOut() - account number 01823

DEBUG: Server.processTransactions() - transferring in account 01823

DEBUG : Network.transferIn() - account number 13331

DEBUG : Network.transferIn() - index outputIndexServer 5

DEBUG : Network.transferIn() - account number 13331

Account number 42850 Account Balance 1000.0 Message done

DEBUG: Server.processTransactions() - Withdrawal of 350.0 from

account 13331

DEBUG : Server.processTransactions() - transferring out account 13331

DEBUG : Network.transferOut() - index inputIndexServer 5

DEBUG : Network.receive() - index outputIndexClient 1

DEBUG: Network.receive() - account number 92716

DEBUG : Client.receiveTransactions() - receiving updated transaction

on account 92716

Account number 92716 Account Balance 1000.0 Message done

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DEBUG : Client.sendTransactions() - sending transaction on account
83830
DEBUG : Network.send() - index inputIndexClient 5
 DEBUG : Network.send() - account number 83830
DEBUG : Network.receive() - index outputIndexClient 2
 DEBUG : Network.receive() - account number 01113
 DEBUG : Network.transferOut() - account number 13331
 DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 01113
 DEBUG : Network.send() - inComingBuffer status full
DEBUG : Server.processTransactions() - transferring in account 13331
 DEBUG : Network.transferIn() - account number 81368
DEBUG : Network.transferIn() - index outputIndexServer 6
DEBUG : Network.transferIn() - account number 81368
DEBUG : Client.sendTransactions() - sending transaction on account
72820
DEBUG : Network.send() - index inputIndexClient 6
 DEBUG : Network.send() - account number 72820
 DEBUG : Network.send() - inComingBuffer status full
 DEBUG: Server.processTransactions() - Withdrawal of 2000.0 from
account 81368
DEBUG: Server.processTransactions() - transferring out account 81368
 DEBUG : Network.transferOut() - index inputIndexServer 6
 DEBUG : Network.transferOut() - account number 81368
DEBUG : Server.processTransactions() - transferring in account 81368
 DEBUG : Network.transferIn() - account number 91214
 DEBUG : Network.transferIn() - index outputIndexServer 7
```

```
DEBUG : Network.transferIn() - account number 91214
```

DEBUG : Client.sendTransactions() - sending transaction on account
92318

DEBUG : Network.send() - index inputIndexClient 7

DEBUG : Network.send() - account number 92318

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Server.processTransactions() - Deposit of 180.0 in account 91214

DEBUG : Server.processTransactions() - transferring out account 91214

DEBUG : Network.transferOut() - index inputIndexServer 7

DEBUG : Network.transferOut() - account number 91214

DEBUG : Server.processTransactions() - transferring in account 91214

DEBUG : Network.transferIn() - account number 91245

DEBUG : Network.transferIn() - index outputIndexServer 8

DEBUG : Network.transferIn() - account number 91245

DEBUG : Client.sendTransactions() - sending transaction on account 42520

DEBUG : Network.send() - index inputIndexClient 8

DEBUG : Network.send() - account number 42520

DEBUG : Network.send() - inComingBuffer status full

DEBUG: Server.processTransactions() - Withdrawal of 2300.0 from account 91245

DEBUG: Server.processTransactions() - transferring out account 91245

DEBUG : Network.transferOut() - index inputIndexServer 8

DEBUG : Network.transferOut() - account number 91245

DEBUG: Server.processTransactions() - transferring in account 91245

DEBUG : Network.transferIn() - account number 42018

```
DEBUG : Network.transferIn() - index outputIndexServer 9
DEBUG : Network.transferIn() - account number 42018
Account number 01113 Account Balance 300.0 Message done
 DEBUG : Network.receive() - index outputIndexClient 3
DEBUG : Network.receive() - account number 60716
 DEBUG : Client.sendTransactions() - sending transaction on account
61612
 DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 60716
DEBUG : Network.send() - index inputIndexClient 9
DEBUG : Network.send() - account number 61612
 DEBUG : Network.send() - inComingBuffer status full
DEBUG: Server.processTransactions() - Withdrawal of 1000.0 from
account 42018
DEBUG : Server.processTransactions() - transferring out account 42018
DEBUG : Network.transferOut() - index inputIndexServer 9
DEBUG: Network.transferOut() - account number 42018
DEBUG : Server.processTransactions() - transferring in account 42018
 DEBUG : Network.transferIn() - account number 62023
DEBUG : Network.transferIn() - index outputIndexServer 0
DEBUG : Network.transferIn() - account number 62023
DEBUG : Client.sendTransactions() - sending transaction on account
12535
DEBUG : Server.processTransactions() - Deposit of 22000.0 in account
62023
DEBUG: Server.processTransactions() - transferring out account 62023
Account number 60716 Account Balance 1000.0 Message done
DEBUG : Network.send() - index inputIndexClient 0
```

```
DEBUG : Network.send() - account number 12535
```

DEBUG : Network.transferOut() - index inputIndexServer 0

DEBUG : Network.transferOut() - account number 62023

DEBUG : Server.processTransactions() - transferring in account 62023

DEBUG : Network.transferIn() - account number 01314

DEBUG : Network.send() - inComingBuffer status full

DEBUG : Network.receive() - index outputIndexClient 4

DEBUG : Network.receive() - account number 01823

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 01823

DEBUG : Network.transferIn() - index outputIndexServer 1

DEBUG : Network.transferIn() - account number 01314

DEBUG : Server.processTransactions() - Obtaining balance from account01314

DEBUG : Server.processTransactions() - transferring out account 01314

DEBUG : Network.transferOut() - index inputIndexServer 1

DEBUG : Network.transferOut() - account number 01314

DEBUG: Server.processTransactions() - transferring in account 01314

DEBUG : Network.transferIn() - account number 20922

DEBUG : Network.transferIn() - index outputIndexServer 2

DEBUG : Network.transferIn() - account number 20922

Account number 01823 Account Balance 860.0 Message done

DEBUG : Server.processTransactions() - Withdrawal of 1500.0 from account 20922

DEBUG : Server.processTransactions() - transferring out account 20922

DEBUG : Network.transferOut() - index inputIndexServer 2

```
DEBUG : Network.transferOut() - account number 20922
```

DEBUG : Server.processTransactions() - transferring in account 20922

DEBUG : Network.transferIn() - account number 21219

DEBUG : Network.transferIn() - index outputIndexServer 3

DEBUG : Network.transferIn() - account number 21219

DEBUG : Network.receive() - index outputIndexClient 5

DEBUG : Network.receive() - account number 13331

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 13331

DEBUG : Server.processTransactions() - Obtaining balance from account21219

DEBUG : Server.processTransactions() - transferring out account 21219

Account number 13331 Account Balance 1500.0 Message done

DEBUG : Network.receive() - index outputIndexClient 6

DEBUG : Network.receive() - account number 81368

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 81368

DEBUG : Network.transferOut() - index inputIndexServer 3

DEBUG : Network.transferOut() - account number 21219

Account number 81368 Account Balance 350.0 Message done

DEBUG : Server.processTransactions() - transferring in account 21219

DEBUG : Network.transferIn() - account number 83530

DEBUG : Network.transferIn() - index outputIndexServer 4

DEBUG : Network.transferIn() - account number 83530

DEBUG : Network.receive() - index outputIndexClient 7

DEBUG : Network.receive() - account number 91214

DEBUG : Client.receiveTransactions() - receiving updated transaction

## on account 91214

Account number 91214 Account Balance 1600.0 Message done

DEBUG : Network.receive() - index outputIndexClient 8

DEBUG : Server.processTransactions() - Deposit of 134750.0 in account 83530

DEBUG : Server.processTransactions() - transferring out account 83530

DEBUG : Network.receive() - account number 91245

DEBUG : Network.transferOut() - index inputIndexServer 4

DEBUG : Network.transferOut() - account number 83530

DEBUG : Server.processTransactions() - transferring in account 83530

DEBUG : Network.transferIn() - account number 83830

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 91245

Account number 91245 Account Balance 1200.0 Message done

DEBUG : Network.receive() - index outputIndexClient 9

DEBUG : Network.receive() - account number 42018

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 42018

Account number 42018 Account Balance -20.0 Message done

DEBUG : Network.transferIn() - index outputIndexServer 5

DEBUG : Network.receive() - index outputIndexClient 0

DEBUG : Network.receive() - account number 62023

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 62023

DEBUG : Network.transferIn() - account number 83830

Account number 62023 Account Balance 202200.0 Message done

DEBUG : Network.receive() - index outputIndexClient 1

DEBUG : Network.receive() - account number 01314

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 01314

Account number 01314 Account Balance 1.05E7 Message done

DEBUG : Network.receive() - index outputIndexClient 2

DEBUG : Network.receive() - account number 20922

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 20922

DEBUG : Server.processTransactions() — Withdrawal of 250.0 from account 83830

DEBUG : Server.processTransactions() - transferring out account 83830

DEBUG : Network.transferOut() - index inputIndexServer 5

DEBUG : Network.transferOut() - account number 83830

DEBUG : Server.processTransactions() - transferring in account 83830

DEBUG : Network.transferIn() - account number 72820

DEBUG : Network.transferIn() - index outputIndexServer 6

DEBUG : Network.transferIn() - account number 72820

Account number 20922 Account Balance 240.0 Message done

DEBUG : Server.processTransactions() - Deposit of 50000.0 in account 72820

DEBUG : Server.processTransactions() - transferring out account 72820

DEBUG : Network.receive() - index outputIndexClient 3

DEBUG : Network.receive() - account number 21219

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 21219

Account number 21219 Account Balance 535000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 4

DEBUG : Network.receive() - account number 83530

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 83530

Account number 83530 Account Balance 980000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 5

DEBUG : Network.receive() - account number 83830

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 83830

Account number 83830 Account Balance 125.0 Message done

DEBUG : Network.transferOut() - index inputIndexServer 6

DEBUG : Network.transferOut() - account number 72820

DEBUG: Server.processTransactions() - transferring in account 72820

DEBUG : Network.transferIn() - account number 92318

DEBUG : Network.transferIn() - index outputIndexServer 7

DEBUG : Network.transferIn() - account number 92318

DEBUG : Server.processTransactions() - Deposit of 1110.0 in account
92318

DEBUG : Server.processTransactions() - transferring out account 92318

DEBUG : Network.transferOut() - index inputIndexServer 7

DEBUG : Network.transferOut() - account number 92318

DEBUG : Server.processTransactions() - transferring in account 92318

DEBUG : Network.transferIn() - account number 42520

DEBUG : Network.receive() - index outputIndexClient 6

DEBUG : Network.receive() - account number 72820

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 72820

Account number 72820 Account Balance 100000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 7

DEBUG : Network.receive() - account number 92318

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction
on account 92318

Account number 92318 Account Balance 2400.0 Message done

DEBUG : Network.transferIn() - index outputIndexServer 8

DEBUG : Network.transferIn() - account number 42520

DEBUG : Server.processTransactions() - Deposit of 650.0 in account 42520

DEBUG : Server.processTransactions() - transferring out account 42520

DEBUG : Network.transferOut() - index inputIndexServer 8

DEBUG : Network.transferOut() - account number 42520

DEBUG : Server.processTransactions() - transferring in account 42520

DEBUG : Network.transferIn() - account number 61612

DEBUG : Network.transferIn() - index outputIndexServer 9

DEBUG : Network.transferIn() - account number 61612

DEBUG: Server.processTransactions() - Withdrawal of 600.0 from account 61612

DEBUG: Server.processTransactions() - transferring out account 61612

DEBUG : Network.transferOut() - index inputIndexServer 9

DEBUG : Network.transferOut() - account number 61612

DEBUG : Server.processTransactions() - transferring in account 61612

DEBUG : Network.transferIn() - account number 12535

DEBUG : Network.transferIn() - index outputIndexServer 0

DEBUG : Network.transferIn() - account number 12535

DEBUG : Network.receive() - index outputIndexClient 8

DEBUG : Network.receive() - account number 42520

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 42520

Account number 42520 Account Balance 1000.0 Message done

DEBUG : Network.receive() - index outputIndexClient 9

DEBUG : Network.receive() - account number 61612

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 61612

Account number 61612 Account Balance 25.0 Message done

DEBUG : Network.transferIn() - inComingBuffer status empty

DEBUG : Server.processTransactions() - Deposit of 750.0 in account 12535

DEBUG : Server.processTransactions() - transferring out account 12535

DEBUG : Network.transferOut() - index inputIndexServer 0

DEBUG : Network.transferOut() - account number 12535

DEBUG : Network.receive() - index outputIndexClient 0

DEBUG : Network.receive() - account number 12535

DEBUG : Network.receive() - outGoingBuffer status empty

DEBUG : Client.receiveTransactions() - receiving updated transaction on account 12535

Account number 12535 Account Balance 750.0 Message done

DEBUG : Server.processTransactions() - 71 accounts updated
Terminating network thread - Client disconnected Server disconnected

Terminating server thread - Running time 136 milliseconds

Terminating client sending thread - Running time 90 milliseconds

Terminating client receiving thread - Running time 99 milliseconds