

```
1 "C:\Program Files\Java\jdk-19\bin\java.exe" "-  
javaagent:C:\Users\ricka\OneDrive - Concordia  
University - Canada\Desktop\Winter 2023\Comp 249\  
IntelliJ Pro\IntelliJ IDEA 2022.3.2\lib\idea_rt.jar=63976:C:\Users\ricka\OneDrive - Concordia University  
- Canada\Desktop\Winter 2023\Comp 249\IntelliJ Pro\  
IntelliJ IDEA 2022.3.2\bin" -Dfile.encoding=UTF-8 -  
Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8  
-classpath "C:\Users\ricka\OneDrive - Concordia  
University - Canada\Desktop\Summer 2024\COMP 346\  
Assignments\A1\PA1-code\out\production\PA1-code"  
Driver  
2  
3 Activating the network ...  
4  
5 DEBUG : Network.run() - starting network thread  
6  
7 Initializing the server ...  
8  
9 Activating network components for server...  
10  
11 Inializing the Accounts database ...  
12  
13 DEBUG : Server.initializeAccounts() 71 accounts  
processed  
14  
15 Connecting server to network ...  
16  
17 DEBUG : Server.run() - starting server thread  
connected  
18  
19 Initializing client sending application ...  
20  
21 Activating network components for client...  
22  
23 Initializing the transactions ...  
24  
25 DEBUG : Client.readTransactions() - 71 transactions  
processed  
26  
27 Connecting client to network ...
```

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28
29  Initializing client receiving application ...
30
31  DEBUG : Client.run() - starting Sender Client thread
32
33  DEBUG : Client.run() - starting Client Receiver
            thread
34
35  DEBUG : Client.sendTransactions() - sending
            transaction on account 31718
36
37  DEBUG : Network.send() - index inputIndexClient 0
38
39  DEBUG : Network.send() - account number 31718
40
41  DEBUG : Client.sendTransactions() - sending
            transaction on account 11528
42
43  DEBUG : Network.send() - index inputIndexClient 1
44
45  DEBUG : Network.send() - account number 11528
46
47  DEBUG : Client.sendTransactions() - sending
            transaction on account 16783
48
49  DEBUG : Network.send() - index inputIndexClient 2
50
51  DEBUG : Network.send() - account number 16783
52
53  DEBUG : Client.sendTransactions() - sending
            transaction on account 10538
54
55  DEBUG : Network.send() - index inputIndexClient 3
56
57  DEBUG : Network.send() - account number 10538
58
59  DEBUG : Client.sendTransactions() - sending
            transaction on account 21015
60
61  DEBUG : Network.send() - index inputIndexClient 4
62
```

```
63 DEBUG : Network.send() - account number 21015
64
65 DEBUG : Server.processTransactions() - transferring
in account
66
67 DEBUG : Client.sendTransactions() - sending
transaction on account 61326
68
69 DEBUG : Network.send() - index inputIndexClient 5
70
71 DEBUG : Network.send() - account number 61326
72
73 DEBUG : Client.sendTransactions() - sending
transaction on account 82465
74
75 DEBUG : Network.send() - index inputIndexClient 6
76
77 DEBUG : Network.send() - account number 82465
78
79 DEBUG : Client.sendTransactions() - sending
transaction on account 31816
80
81 DEBUG : Network.send() - index inputIndexClient 7
82
83 DEBUG : Network.send() - account number 31816
84
85 DEBUG : Client.sendTransactions() - sending
transaction on account 73745
86
87 DEBUG : Network.send() - index inputIndexClient 8
88
89 DEBUG : Network.send() - account number 73745
90
91 DEBUG : Client.sendTransactions() - sending
transaction on account 81514
92
93 DEBUG : Network.send() - index inputIndexClient 9
94
95 DEBUG : Network.send() - account number 81514
96
97 DEBUG : Network.transferIn - account number 31718
```

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98
99 DEBUG : Client.sendTransactions() - sending
transaction on account 71854
100
101 DEBUG : Network.send() - index inputIndexClient 10
102
103 DEBUG : Network.send() - account number 71854
104
105 DEBUG : Client.sendTransactions() - sending
transaction on account 92012
106
107 DEBUG : Network.send() - index inputIndexClient 11
108
109 DEBUG : Network.send() - account number 92012
110
111 DEBUG : Client.sendTransactions() - sending
transaction on account 52853
112
113 DEBUG : Network.send() - index inputIndexClient 12
114
115 DEBUG : Network.send() - account number 52853
116
117 DEBUG : Client.sendTransactions() - sending
transaction on account 41714
118
119 DEBUG : Network.transferIn() - index
outputIndexServer 0
120
121 DEBUG : Network.send() - index inputIndexClient 13
122
123 DEBUG : Network.send() - account number 41714
124
125 DEBUG : Client.sendTransactions() - sending
transaction on account 58342
126
127 DEBUG : Network.send() - index inputIndexClient 14
128
129 DEBUG : Network.send() - account number 58342
130
131 DEBUG : Client.sendTransactions() - sending
transaction on account 62080
```

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132
133 DEBUG : Network.send() - index inputIndexClient 15
134
135 DEBUG : Network.send() - account number 62080
136
137 DEBUG : Network.transferIn() - account number 31718
138
139 DEBUG : Client.sendTransactions() - sending
transaction on account 21638
140
141 DEBUG : Network.send() - index inputIndexClient 16
142
143 DEBUG : Network.send() - account number 21638
144
145 DEBUG : Client.sendTransactions() - sending
transaction on account 52726
146
147 DEBUG : Network.send() - index inputIndexClient 17
148
149 DEBUG : Network.send() - account number 52726
150
151 DEBUG : Client.sendTransactions() - sending
transaction on account 91316
152
153 DEBUG : Network.send() - index inputIndexClient 18
154
155 DEBUG : Network.send() - account number 91316
156
157 DEBUG : Client.sendTransactions() - sending
transaction on account 60520
158
159 DEBUG : Network.send() - index inputIndexClient 19
160
161 DEBUG : Network.send() - account number 60520
162
163 DEBUG : Client.sendTransactions() - sending
transaction on account 23033
164
165 DEBUG : Network.send() - index inputIndexClient 20
166
167 DEBUG : Network.send() - account number 23033
```

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168
169 DEBUG : Client.sendTransactions() - sending
transaction on account 41911
170
171 DEBUG : Network.send() - index inputIndexClient 21
172
173 DEBUG : Network.send() - account number 41911
174
175 DEBUG : Client.sendTransactions() - sending
transaction on account 39331
176
177 DEBUG : Network.send() - index inputIndexClient 22
178
179 DEBUG : Network.send() - account number 39331
180
181 DEBUG : Client.sendTransactions() - sending
transaction on account 91312
182
183 DEBUG : Network.send() - index inputIndexClient 23
184
185 DEBUG : Network.send() - account number 91312
186
187 DEBUG : Client.sendTransactions() - sending
transaction on account 15307
188
189 DEBUG : Network.send() - index inputIndexClient 24
190
191 DEBUG : Network.send() - account number 15307
192
193 DEBUG : Client.sendTransactions() - sending
transaction on account 51728
194
195 DEBUG : Network.send() - index inputIndexClient 25
196
197 DEBUG : Network.send() - account number 51728
198
199 DEBUG : Client.sendTransactions() - sending
transaction on account 43902
200
201 DEBUG : Network.send() - index inputIndexClient 26
202
```

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203 DEBUG : Network.send() - account number 43902
204
205 DEBUG : Client.sendTransactions() - sending
transaction on account 52521
206
207 DEBUG : Network.send() - index inputIndexClient 27
208
209 DEBUG : Network.send() - account number 52521
210
211 DEBUG : Client.sendTransactions() - sending
transaction on account 31215
212
213 DEBUG : Network.send() - index inputIndexClient 28
214
215 DEBUG : Network.send() - account number 31215
216
217 DEBUG : Client.sendTransactions() - sending
transaction on account 22310
218
219 DEBUG : Network.send() - index inputIndexClient 29
220
221 DEBUG : Network.send() - account number 22310
222
223 DEBUG : Client.sendTransactions() - sending
transaction on account 26734
224
225 DEBUG : Network.send() - index inputIndexClient 30
226
227 DEBUG : Network.send() - account number 26734
228
229 DEBUG : Client.sendTransactions() - sending
transaction on account 41024
230
231 DEBUG : Network.send() - index inputIndexClient 31
232
233 DEBUG : Network.send() - account number 41024
234
235 DEBUG : Client.sendTransactions() - sending
transaction on account 38421
236
237 DEBUG : Network.send() - index inputIndexClient 32
```

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238
239 DEBUG : Network.send() - account number 38421
240
241 DEBUG : Client.sendTransactions() - sending
transaction on account 70321
242
243 DEBUG : Network.send() - index inputIndexClient 33
244
245 DEBUG : Network.send() - account number 70321
246
247 DEBUG : Client.sendTransactions() - sending
transaction on account 12421
248
249 DEBUG : Network.send() - index inputIndexClient 34
250
251 DEBUG : Network.send() - account number 12421
252
253 DEBUG : Client.sendTransactions() - sending
transaction on account 82411
254
255 DEBUG : Network.send() - index inputIndexClient 35
256
257 DEBUG : Network.send() - account number 82411
258
259 DEBUG : Client.sendTransactions() - sending
transaction on account 21117
260
261 DEBUG : Network.send() - index inputIndexClient 36
262
263 DEBUG : Network.send() - account number 21117
264
265 DEBUG : Client.sendTransactions() - sending
transaction on account 00925
266
267 DEBUG : Network.send() - index inputIndexClient 37
268
269 DEBUG : Network.send() - account number 00925
270
271 DEBUG : Client.sendTransactions() - sending
transaction on account 31820
272
```

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273 DEBUG : Network.send() - index inputIndexClient 38
274
275 DEBUG : Network.send() - account number 31820
276
277 DEBUG : Client.sendTransactions() - sending
transaction on account 91715
278
279 DEBUG : Network.send() - index inputIndexClient 39
280
281 DEBUG : Network.send() - account number 91715
282
283 DEBUG : Client.sendTransactions() - sending
transaction on account 31012
284
285 DEBUG : Network.send() - index inputIndexClient 40
286
287 DEBUG : Network.send() - account number 31012
288
289 DEBUG : Client.sendTransactions() - sending
transaction on account 32613
290
291 DEBUG : Network.send() - index inputIndexClient 41
292
293 DEBUG : Network.send() - account number 32613
294
295 DEBUG : Client.sendTransactions() - sending
transaction on account 13133
296
297 DEBUG : Network.send() - index inputIndexClient 42
298
299 DEBUG : Network.send() - account number 13133
300
301 DEBUG : Client.sendTransactions() - sending
transaction on account 43018
302
303 DEBUG : Network.send() - index inputIndexClient 43
304
305 DEBUG : Network.send() - account number 43018
306
307 DEBUG : Client.sendTransactions() - sending
transaction on account 91412
```

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308
309 DEBUG : Network.send() - index inputIndexClient 44
310
311 DEBUG : Network.send() - account number 91412
312
313 DEBUG : Client.sendTransactions() - sending
transaction on account 11314
314
315 DEBUG : Network.send() - index inputIndexClient 45
316
317 DEBUG : Network.send() - account number 11314
318
319 DEBUG : Client.sendTransactions() - sending
transaction on account 00812
320
321 DEBUG : Network.send() - index inputIndexClient 46
322
323 DEBUG : Network.send() - account number 00812
324
325 DEBUG : Client.sendTransactions() - sending
transaction on account 61527
326
327 DEBUG : Network.send() - index inputIndexClient 47
328
329 DEBUG : Network.send() - account number 61527
330
331 DEBUG : Client.sendTransactions() - sending
transaction on account 43817
332
333 DEBUG : Network.send() - index inputIndexClient 48
334
335 DEBUG : Network.send() - account number 43817
336
337 DEBUG : Client.sendTransactions() - sending
transaction on account 92018
338
339 DEBUG : Network.send() - index inputIndexClient 49
340
341 DEBUG : Network.send() - account number 92018
342
343 DEBUG : Client.sendTransactions() - sending
```

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343 transaction on account 42850
344
345 DEBUG : Network.send() - index inputIndexClient 50
346
347 DEBUG : Network.send() - account number 42850
348
349 DEBUG : Client.sendTransactions() - sending
transaction on account 92716
350
351 DEBUG : Network.send() - index inputIndexClient 51
352
353 DEBUG : Network.send() - account number 92716
354
355 DEBUG : Client.sendTransactions() - sending
transaction on account 01113
356
357 DEBUG : Network.send() - index inputIndexClient 52
358
359 DEBUG : Network.send() - account number 01113
360
361 DEBUG : Client.sendTransactions() - sending
transaction on account 60716
362
363 DEBUG : Network.send() - index inputIndexClient 53
364
365 DEBUG : Network.send() - account number 60716
366
367 DEBUG : Client.sendTransactions() - sending
transaction on account 01823
368
369 DEBUG : Network.send() - index inputIndexClient 54
370
371 DEBUG : Network.send() - account number 01823
372
373 DEBUG : Client.sendTransactions() - sending
transaction on account 13331
374
375 DEBUG : Network.send() - index inputIndexClient 55
376
377 DEBUG : Network.send() - account number 13331
378
```

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379 DEBUG : Client.sendTransactions() - sending
transaction on account 81368
380
381 DEBUG : Network.send() - index inputIndexClient 56
382
383 DEBUG : Network.send() - account number 81368
384
385 DEBUG : Client.sendTransactions() - sending
transaction on account 91214
386
387 DEBUG : Network.send() - index inputIndexClient 57
388
389 DEBUG : Network.send() - account number 91214
390
391 DEBUG : Client.sendTransactions() - sending
transaction on account 91245
392
393 DEBUG : Network.send() - index inputIndexClient 58
394
395 DEBUG : Network.send() - account number 91245
396
397 DEBUG : Client.sendTransactions() - sending
transaction on account 42018
398
399 DEBUG : Network.send() - index inputIndexClient 59
400
401 DEBUG : Network.send() - account number 42018
402
403 DEBUG : Client.sendTransactions() - sending
transaction on account 62023
404
405 DEBUG : Network.send() - index inputIndexClient 60
406
407 DEBUG : Network.send() - account number 62023
408
409 DEBUG : Client.sendTransactions() - sending
transaction on account 01314
410
411 DEBUG : Network.send() - index inputIndexClient 61
412
413 DEBUG : Network.send() - account number 01314
```

```
414
415 DEBUG : Client.sendTransactions() - sending
transaction on account 20922
416
417 DEBUG : Network.send() - index inputIndexClient 62
418
419 DEBUG : Network.send() - account number 20922
420
421 DEBUG : Client.sendTransactions() - sending
transaction on account 21219
422
423 DEBUG : Network.send() - index inputIndexClient 63
424
425 DEBUG : Network.send() - account number 21219
426
427 DEBUG : Client.sendTransactions() - sending
transaction on account 83530
428
429 DEBUG : Network.send() - index inputIndexClient 64
430
431 DEBUG : Network.send() - account number 83530
432
433 DEBUG : Client.sendTransactions() - sending
transaction on account 83830
434
435 DEBUG : Network.send() - index inputIndexClient 65
436
437 DEBUG : Network.send() - account number 83830
438
439 DEBUG : Client.sendTransactions() - sending
transaction on account 72820
440
441 DEBUG : Network.send() - index inputIndexClient 66
442
443 DEBUG : Network.send() - account number 72820
444
445 DEBUG : Client.sendTransactions() - sending
transaction on account 92318
446
447 DEBUG : Network.send() - index inputIndexClient 67
448
```

```
449 DEBUG : Network.send() - account number 92318
450
451 DEBUG : Client.sendTransactions() - sending
transaction on account 42520
452
453 DEBUG : Network.send() - index inputIndexClient 68
454
455 DEBUG : Network.send() - account number 42520
456
457 DEBUG : Client.sendTransactions() - sending
transaction on account 61612
458
459 DEBUG : Network.send() - index inputIndexClient 69
460
461 DEBUG : Network.send() - account number 61612
462
463 DEBUG : Client.sendTransactions() - sending
transaction on account 12535
464
465 DEBUG : Network.send() - index inputIndexClient 70
466
467 DEBUG : Network.send() - account number 12535
468
469 Terminating client Sending thread - Running time 7
milliseconds
470
471 DEBUG : Server.processTransactions() - Deposit of
90.0 in account 31718
472
473 DEBUG : Server.processTransactions() - transferring
out account 31718
474
475 DEBUG : Network.transferOut() - index
inputIndexServer 0
476
477 DEBUG : Network.transferOut() - account number
31718
478
479 DEBUG : Server.processTransactions() - transferring
in account 31718
480
```

```
481 DEBUG : Network.transferIn - account number 11528
482
483 DEBUG : Network.transferIn() - index
        outputIndexServer 1
484
485 DEBUG : Network.receive() - index outputIndexClient
        0
486
487 DEBUG : Network.transferIn() - account number 11528
488
489 DEBUG : Network.receive() - account number 31718
490
491 DEBUG : Network.receive() - outGoingBuffer status
        empty
492
493 DEBUG : Client.receiveTransactions() - receiving
        updated transaction on account 31718
494
495 DEBUG : Server.processTransactions() - Withdrawal
        of 500.0 from account 11528
496
497 DEBUG : Server.processTransactions() - transferring
        out account 11528
498
499 DEBUG : Network.transferOut() - index
        inputIndexServer 1
500
501 DEBUG : Network.transferOut() - account number
        11528
502
503 DEBUG : Server.processTransactions() - transferring
        in account 11528
504
505 DEBUG : Network.transferIn - account number 16783
506
507 DEBUG : Network.transferIn() - index
        outputIndexServer 2
508
509 DEBUG : Network.transferIn() - account number 16783
510
511 DEBUG : Server.processTransactions() - Withdrawal
```

```
511 of 20000.0 from account 16783
512
513 DEBUG : Server.processTransactions() - transferring
      out account 16783
514
515 DEBUG : Network.transferOut() - index
      inputIndexServer 2
516
517 DEBUG : Network.transferOut() - account number
      16783
518
519 DEBUG : Server.processTransactions() - transferring
      in account 16783
520
521 DEBUG : Network.transferIn - account number 10538
522
523 DEBUG : Network.transferIn() - index
      outputIndexServer 3
524
525 DEBUG : Network.transferIn() - account number 10538
526
527 DEBUG : Server.processTransactions() - Deposit of
      20000.0 in account 10538
528
529 DEBUG : Server.processTransactions() - transferring
      out account 10538
530
531 DEBUG : Network.transferOut() - index
      inputIndexServer 3
532
533 DEBUG : Network.transferOut() - account number
      10538
534
535 DEBUG : Server.processTransactions() - transferring
      in account 10538
536
537 DEBUG : Network.transferIn - account number 21015
538
539 DEBUG : Network.transferIn() - index
      outputIndexServer 4
540
```

```
541 DEBUG : Network.transferIn() - account number 21015
542
543 DEBUG : Server.processTransactions() - Withdrawal
      of 25.0 from account 21015
544
545 DEBUG : Server.processTransactions() - transferring
      out account 21015
546
547 DEBUG : Network.transferOut() - index
      inputIndexServer 4
548
549 DEBUG : Network.transferOut() - account number
      21015
550
551 DEBUG : Server.processTransactions() - transferring
      in account 21015
552
553 DEBUG : Network.transferIn - account number 61326
554
555 DEBUG : Network.transferIn() - index
      outputIndexServer 5
556
557 DEBUG : Network.transferIn() - account number 61326
558
559 DEBUG : Server.processTransactions() - Obtaining
      balance from account61326
560
561 DEBUG : Server.processTransactions() - transferring
      out account 61326
562
563 DEBUG : Network.transferOut() - index
      inputIndexServer 5
564
565 DEBUG : Network.transferOut() - account number
      61326
566
567 DEBUG : Server.processTransactions() - transferring
      in account 61326
568
569 DEBUG : Network.transferIn - account number 82465
570
```

```
571 DEBUG : Network.transferIn() - index
           outputIndexServer 6
572
573 DEBUG : Network.transferIn() - account number 82465
574
575 DEBUG : Server.processTransactions() - Deposit of
           3000.0 in account 82465
576
577 DEBUG : Server.processTransactions() - transferring
           out account 82465
578
579 DEBUG : Network.transferOut() - index
           inputIndexServer 6
580
581 DEBUG : Network.transferOut() - account number
           82465
582
583 DEBUG : Server.processTransactions() - transferring
           in account 82465
584
585 DEBUG : Network.transferIn - account number 31816
586
587 DEBUG : Network.transferIn() - index
           outputIndexServer 7
588
589 DEBUG : Network.transferIn() - account number 31816
590
591 DEBUG : Server.processTransactions() - Obtaining
           balance from account31816
592
593 DEBUG : Server.processTransactions() - transferring
           out account 31816
594
595 DEBUG : Network.transferOut() - index
           inputIndexServer 7
596
597 DEBUG : Network.transferOut() - account number
           31816
598
599 DEBUG : Server.processTransactions() - transferring
           in account 31816
```

```
600
601 DEBUG : Network.transferIn - account number 73745
602
603 DEBUG : Network.transferIn() - index
    outputIndexServer 8
604
605 DEBUG : Network.transferIn() - account number 73745
606
607 DEBUG : Server.processTransactions() - Deposit of
    25.0 in account 73745
608
609 DEBUG : Server.processTransactions() - transferring
    out account 73745
610
611 DEBUG : Network.transferOut() - index
    inputIndexServer 8
612
613 DEBUG : Network.transferOut() - account number
    73745
614
615 DEBUG : Server.processTransactions() - transferring
    in account 73745
616
617 DEBUG : Network.transferIn - account number 81514
618
619 DEBUG : Network.transferIn() - index
    outputIndexServer 9
620
621 DEBUG : Network.transferIn() - account number 81514
622
623 DEBUG : Server.processTransactions() - Withdrawal
    of 1500.0 from account 81514
624
625 DEBUG : Server.processTransactions() - transferring
    out account 81514
626
627 DEBUG : Network.transferOut() - index
    inputIndexServer 9
628
629 DEBUG : Network.transferOut() - account number
    81514
```

```
630
631 DEBUG : Server.processTransactions() - transferring
in account 81514
632
633 DEBUG : Network.transferIn - account number 71854
634
635 DEBUG : Network.transferIn() - index
outputIndexServer 10
636
637 DEBUG : Network.transferIn() - account number 71854
638
639 DEBUG : Server.processTransactions() - Withdrawal
of 5000.0 from account 71854
640
641 DEBUG : Server.processTransactions() - transferring
out account 71854
642
643 DEBUG : Network.transferOut() - index
inputIndexServer 10
644
645 DEBUG : Network.transferOut() - account number
71854
646
647 DEBUG : Server.processTransactions() - transferring
in account 71854
648
649 DEBUG : Network.transferIn - account number 92012
650
651 DEBUG : Network.transferIn() - index
outputIndexServer 11
652
653 DEBUG : Network.transferIn() - account number 92012
654
655 DEBUG : Server.processTransactions() - Deposit of
725.0 in account 92012
656
657 DEBUG : Server.processTransactions() - transferring
out account 92012
658
659 DEBUG : Network.transferOut() - index
inputIndexServer 11
```

```
660
661 DEBUG : Network.transferOut() - account number
92012
662
663 DEBUG : Server.processTransactions() - transferring
in account 92012
664
665 DEBUG : Network.transferIn - account number 52853
666
667 DEBUG : Network.transferIn() - index
outputIndexServer 12
668
669 DEBUG : Network.transferIn() - account number 52853
670
671 DEBUG : Server.processTransactions() - Obtaining
balance from account52853
672
673 DEBUG : Server.processTransactions() - transferring
out account 52853
674
675 DEBUG : Network.transferOut() - index
inputIndexServer 12
676
677 DEBUG : Network.transferOut() - account number
52853
678
679 DEBUG : Server.processTransactions() - transferring
in account 52853
680
681 DEBUG : Network.transferIn - account number 41714
682
683 DEBUG : Network.transferIn() - index
outputIndexServer 13
684
685 DEBUG : Network.transferIn() - account number 41714
686
687 DEBUG : Server.processTransactions() - Deposit of
100.0 in account 41714
688
689 DEBUG : Server.processTransactions() - transferring
out account 41714
```

```
690
691 DEBUG : Network.transferOut() - index
           inputIndexServer 13
692
693 DEBUG : Network.transferOut() - account number
           41714
694
695 DEBUG : Server.processTransactions() - transferring
           in account 41714
696
697 DEBUG : Network.transferIn - account number 58342
698
699 DEBUG : Network.transferIn() - index
           outputIndexServer 14
700
701 DEBUG : Network.transferIn() - account number 58342
702
703 DEBUG : Server.processTransactions() - Withdrawal
           of 100.0 from account 58342
704
705 DEBUG : Server.processTransactions() - transferring
           out account 58342
706
707 DEBUG : Network.transferOut() - index
           inputIndexServer 14
708
709 DEBUG : Network.transferOut() - account number
           58342
710
711 DEBUG : Server.processTransactions() - transferring
           in account 58342
712
713 DEBUG : Network.transferIn - account number 62080
714
715 DEBUG : Network.transferIn() - index
           outputIndexServer 15
716
717 DEBUG : Network.transferIn() - account number 62080
718
719 DEBUG : Server.processTransactions() - Deposit of
           55.0 in account 62080
```

```
720
721 DEBUG : Server.processTransactions() - transferring
    out account 62080
722
723 DEBUG : Network.transferOut() - index
    inputIndexServer 15
724
725 DEBUG : Network.transferOut() - account number
    62080
726
727 DEBUG : Server.processTransactions() - transferring
    in account 62080
728
729 DEBUG : Network.transferIn - account number 21638
730
731 DEBUG : Network.transferIn() - index
    outputIndexServer 16
732
733 DEBUG : Network.transferIn() - account number 21638
734
735 DEBUG : Server.processTransactions() - Withdrawal
    of 1000.0 from account 21638
736
737 DEBUG : Server.processTransactions() - transferring
    out account 21638
738
739 DEBUG : Network.transferOut() - index
    inputIndexServer 16
740
741 DEBUG : Network.transferOut() - account number
    21638
742
743 DEBUG : Server.processTransactions() - transferring
    in account 21638
744
745 DEBUG : Network.transferIn - account number 52726
746
747 DEBUG : Network.transferIn() - index
    outputIndexServer 17
748
749 DEBUG : Network.transferIn() - account number 52726
```

```
750
751 DEBUG : Server.processTransactions() - Withdrawal
    of 5000.0 from account 52726
752
753 DEBUG : Server.processTransactions() - transferring
    out account 52726
754
755 DEBUG : Network.transferOut() - index
    inputIndexServer 17
756
757 DEBUG : Network.transferOut() - account number
    52726
758
759 DEBUG : Server.processTransactions() - transferring
    in account 52726
760
761 DEBUG : Network.transferIn - account number 91316
762
763 DEBUG : Network.transferIn() - index
    outputIndexServer 18
764
765 DEBUG : Network.transferIn() - account number 91316
766
767 DEBUG : Server.processTransactions() - Obtaining
    balance from account91316
768
769 DEBUG : Server.processTransactions() - transferring
    out account 91316
770
771 DEBUG : Network.transferOut() - index
    inputIndexServer 18
772
773 DEBUG : Network.transferOut() - account number
    91316
774
775 DEBUG : Server.processTransactions() - transferring
    in account 91316
776
777 DEBUG : Network.transferIn - account number 60520
778
779 DEBUG : Network.transferIn() - index
```

```
779 outputIndexServer 19
780
781 DEBUG : Network.transferIn() - account number 60520
782
783 DEBUG : Server.processTransactions() - Deposit of
    1035.0 in account 60520
784
785 DEBUG : Server.processTransactions() - transferring
    out account 60520
786
787 DEBUG : Network.transferOut() - index
    inputIndexServer 19
788
789 DEBUG : Network.transferOut() - account number
    60520
790
791 DEBUG : Server.processTransactions() - transferring
    in account 60520
792
793 DEBUG : Network.transferIn - account number 23033
794
795 DEBUG : Network.transferIn() - index
    outputIndexServer 20
796
797 DEBUG : Network.transferIn() - account number 23033
798
799 DEBUG : Server.processTransactions() - Withdrawal
    of 10000.0 from account 23033
800
801 DEBUG : Server.processTransactions() - transferring
    out account 23033
802
803 DEBUG : Network.transferOut() - index
    inputIndexServer 20
804
805 DEBUG : Network.transferOut() - account number
    23033
806
807 DEBUG : Server.processTransactions() - transferring
    in account 23033
808
```

```
809 DEBUG : Network.transferIn - account number 41911
810
811 DEBUG : Network.transferIn() - index
    outputIndexServer 21
812
813 DEBUG : Network.transferIn() - account number 41911
814
815 DEBUG : Server.processTransactions() - Deposit of
    220.0 in account 41911
816
817 DEBUG : Server.processTransactions() - transferring
    out account 41911
818
819 DEBUG : Network.transferOut() - index
    inputIndexServer 21
820
821 DEBUG : Network.transferOut() - account number
    41911
822
823 DEBUG : Server.processTransactions() - transferring
    in account 41911
824
825 DEBUG : Network.transferIn - account number 39331
826
827 DEBUG : Network.transferIn() - index
    outputIndexServer 22
828
829 DEBUG : Network.transferIn() - account number 39331
830
831 DEBUG : Server.processTransactions() - Withdrawal
    of 10.0 from account 39331
832
833 DEBUG : Server.processTransactions() - transferring
    out account 39331
834
835 DEBUG : Network.transferOut() - index
    inputIndexServer 22
836
837 DEBUG : Network.transferOut() - account number
    39331
838
```

```
839 DEBUG : Server.processTransactions() - transferring
in account 39331
840
841 DEBUG : Network.transferIn - account number 91312
842
843 DEBUG : Network.transferIn() - index
outputIndexServer 23
844
845 DEBUG : Network.transferIn() - account number 91312
846
847 DEBUG : Server.processTransactions() - Withdrawal
of 1850.0 from account 91312
848
849 DEBUG : Server.processTransactions() - transferring
out account 91312
850
851 DEBUG : Network.transferOut() - index
inputIndexServer 23
852
853 DEBUG : Network.transferOut() - account number
91312
854
855 DEBUG : Server.processTransactions() - transferring
in account 91312
856
857 DEBUG : Network.transferIn - account number 15307
858
859 DEBUG : Network.transferIn() - index
outputIndexServer 24
860
861 DEBUG : Network.transferIn() - account number 15307
862
863 DEBUG : Server.processTransactions() - Deposit of
250.0 in account 15307
864
865 DEBUG : Server.processTransactions() - transferring
out account 15307
866
867 DEBUG : Network.transferOut() - index
inputIndexServer 24
868
```

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869 DEBUG : Network.transferOut() - account number
15307
870
871 DEBUG : Server.processTransactions() - transferring
in account 15307
872
873 DEBUG : Network.transferIn - account number 51728
874
875 DEBUG : Network.transferIn() - index
outputIndexServer 25
876
877 DEBUG : Network.transferIn() - account number 51728
878
879 DEBUG : Server.processTransactions() - Withdrawal
of 800.0 from account 51728
880
881 DEBUG : Server.processTransactions() - transferring
out account 51728
882
883 DEBUG : Network.transferOut() - index
inputIndexServer 25
884
885 DEBUG : Network.transferOut() - account number
51728
886
887 DEBUG : Server.processTransactions() - transferring
in account 51728
888
889 DEBUG : Network.transferIn - account number 43902
890
891 DEBUG : Network.transferIn() - index
outputIndexServer 26
892
893 DEBUG : Network.transferIn() - account number 43902
894
895 DEBUG : Server.processTransactions() - Withdrawal
of 100.0 from account 43902
896
897 DEBUG : Server.processTransactions() - transferring
out account 43902
898
```

```
899 DEBUG : Network.transferOut() - index
           inputIndexServer 26
900
901 DEBUG : Network.transferOut() - account number
           43902
902
903 DEBUG : Server.processTransactions() - transferring
           in account 43902
904
905 DEBUG : Network.transferIn - account number 52521
906
907 DEBUG : Network.transferIn() - index
           outputIndexServer 27
908
909 DEBUG : Network.transferIn() - account number 52521
910
911 DEBUG : Server.processTransactions() - Deposit of
           1800.0 in account 52521
912
913 DEBUG : Server.processTransactions() - transferring
           out account 52521
914
915 DEBUG : Network.transferOut() - index
           inputIndexServer 27
916
917 DEBUG : Network.transferOut() - account number
           52521
918
919 DEBUG : Server.processTransactions() - transferring
           in account 52521
920
921 DEBUG : Network.transferIn - account number 31215
922
923 DEBUG : Network.transferIn() - index
           outputIndexServer 28
924
925 DEBUG : Network.transferIn() - account number 31215
926
927 DEBUG : Server.processTransactions() - Obtaining
           balance from account31215
928
```

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929 DEBUG : Server.processTransactions() - transferring
out account 31215
930
931 DEBUG : Network.transferOut() - index
inputIndexServer 28
932
933 DEBUG : Network.transferOut() - account number
31215
934
935 DEBUG : Server.processTransactions() - transferring
in account 31215
936
937 DEBUG : Network.transferIn - account number 22310
938
939 DEBUG : Network.transferIn() - index
outputIndexServer 29
940
941 DEBUG : Network.transferIn() - account number 22310
942
943 DEBUG : Server.processTransactions() - Deposit of
80.0 in account 22310
944
945 DEBUG : Server.processTransactions() - transferring
out account 22310
946
947 DEBUG : Network.transferOut() - index
inputIndexServer 29
948
949 DEBUG : Network.transferOut() - account number
22310
950
951 DEBUG : Server.processTransactions() - transferring
in account 22310
952
953 DEBUG : Network.transferIn - account number 26734
954
955 DEBUG : Network.transferIn() - index
outputIndexServer 30
956
957 DEBUG : Network.transferIn() - account number 26734
958
```

```
959 DEBUG : Server.processTransactions() - Withdrawal
of 90.0 from account 26734
960
961 DEBUG : Server.processTransactions() - transferring
out account 26734
962
963 DEBUG : Network.transferOut() - index
inputIndexServer 30
964
965 DEBUG : Network.transferOut() - account number
26734
966
967 DEBUG : Server.processTransactions() - transferring
in account 26734
968
969 DEBUG : Network.transferIn - account number 41024
970
971 DEBUG : Network.transferIn() - index
outputIndexServer 31
972
973 DEBUG : Network.transferIn() - account number 41024
974
975 DEBUG : Server.processTransactions() - Deposit of
495.0 in account 41024
976
977 DEBUG : Server.processTransactions() - transferring
out account 41024
978
979 DEBUG : Network.transferOut() - index
inputIndexServer 31
980
981 DEBUG : Network.transferOut() - account number
41024
982
983 DEBUG : Server.processTransactions() - transferring
in account 41024
984
985 DEBUG : Network.transferIn - account number 38421
986
987 DEBUG : Network.transferIn() - index
outputIndexServer 32
```

```
988
989 DEBUG : Network.transferIn() - account number
            38421
990
991 DEBUG : Server.processTransactions() - Deposit of
            500.0 in account 38421
992
993 DEBUG : Server.processTransactions() -
            transferring out account 38421
994
995 DEBUG : Network.transferOut() - index
            inputIndexServer 32
996
997 DEBUG : Network.transferOut() - account number
            38421
998
999 DEBUG : Server.processTransactions() -
            transferring in account 38421
1000
1001 DEBUG : Network.transferIn - account number 70321
1002
1003 DEBUG : Network.transferIn() - index
            outputIndexServer 33
1004
1005 DEBUG : Network.transferIn() - account number
            70321
1006
1007 DEBUG : Server.processTransactions() - Obtaining
            balance from account 70321
1008
1009 DEBUG : Server.processTransactions() -
            transferring out account 70321
1010
1011 DEBUG : Network.transferOut() - index
            inputIndexServer 33
1012
1013 DEBUG : Network.transferOut() - account number
            70321
1014
1015 DEBUG : Server.processTransactions() -
            transferring in account 70321
```

```
1016
1017 DEBUG : Network.transferIn - account number 12421
1018
1019 DEBUG : Network.transferIn() - index
    outputIndexServer 34
1020
1021 DEBUG : Network.transferIn() - account number
    12421
1022
1023 DEBUG : Server.processTransactions() - Withdrawal
    of 90.0 from account 12421
1024
1025 DEBUG : Server.processTransactions() -
    transferring out account 12421
1026
1027 DEBUG : Network.transferOut() - index
    inputIndexServer 34
1028
1029 DEBUG : Network.transferOut() - account number
    12421
1030
1031 DEBUG : Server.processTransactions() -
    transferring in account 12421
1032
1033 DEBUG : Network.transferIn - account number 82411
1034
1035 DEBUG : Network.transferIn() - index
    outputIndexServer 35
1036
1037 DEBUG : Network.transferIn() - account number
    82411
1038
1039 DEBUG : Server.processTransactions() - Withdrawal
    of 500.0 from account 82411
1040
1041 DEBUG : Server.processTransactions() -
    transferring out account 82411
1042
1043 DEBUG : Network.transferOut() - index
    inputIndexServer 35
1044
```

```
1045 DEBUG : Network.transferOut() - account number  
82411  
1046  
1047 DEBUG : Server.processTransactions() -  
transferring in account 82411  
1048  
1049 DEBUG : Network.transferIn - account number 21117  
1050  
1051 DEBUG : Network.transferIn() - index  
outputIndexServer 36  
1052  
1053 DEBUG : Network.transferIn() - account number  
21117  
1054  
1055 DEBUG : Server.processTransactions() - Deposit of  
15.0 in account 21117  
1056  
1057 DEBUG : Server.processTransactions() -  
transferring out account 21117  
1058  
1059 DEBUG : Network.transferOut() - index  
inputIndexServer 36  
1060  
1061 DEBUG : Network.transferOut() - account number  
21117  
1062  
1063 DEBUG : Server.processTransactions() -  
transferring in account 21117  
1064  
1065 DEBUG : Network.transferIn - account number 00925  
1066  
1067 DEBUG : Network.transferIn() - index  
outputIndexServer 37  
1068  
1069 DEBUG : Network.transferIn() - account number  
00925  
1070  
1071 DEBUG : Server.processTransactions() - Deposit of  
325.0 in account 00925  
1072  
1073 DEBUG : Server.processTransactions() -
```

```
1073 transferring out account 00925
1074
1075 DEBUG : Network.transferOut() - index
    inputIndexServer 37
1076
1077 DEBUG : Network.transferOut() - account number
    00925
1078
1079 DEBUG : Server.processTransactions() -
    transferring in account 00925
1080
1081 DEBUG : Network.transferIn - account number 31820
1082
1083 DEBUG : Network.transferIn() - index
    outputIndexServer 38
1084
1085 DEBUG : Network.transferIn() - account number
    31820
1086
1087 DEBUG : Server.processTransactions() - Withdrawal
    of 900.0 from account 31820
1088
1089 DEBUG : Server.processTransactions() -
    transferring out account 31820
1090
1091 DEBUG : Network.transferOut() - index
    inputIndexServer 38
1092
1093 DEBUG : Network.transferOut() - account number
    31820
1094
1095 DEBUG : Server.processTransactions() -
    transferring in account 31820
1096
1097 DEBUG : Network.transferIn - account number 91715
1098
1099 DEBUG : Network.transferIn() - index
    outputIndexServer 39
1100
1101 DEBUG : Network.transferIn() - account number
    91715
```

```
1102
1103 DEBUG : Server.processTransactions() - Deposit of
      35.0 in account 91715
1104
1105 DEBUG : Server.processTransactions() -
      transferring out account 91715
1106
1107 DEBUG : Network.transferOut() - index
      inputIndexServer 39
1108
1109 DEBUG : Network.transferOut() - account number
      91715
1110
1111 DEBUG : Server.processTransactions() -
      transferring in account 91715
1112
1113 DEBUG : Network.transferIn - account number 31012
1114
1115 DEBUG : Network.transferIn() - index
      outputIndexServer 40
1116
1117 DEBUG : Network.transferIn() - account number
      31012
1118
1119 DEBUG : Server.processTransactions() - Withdrawal
      of 1000.0 from account 31012
1120
1121 DEBUG : Server.processTransactions() -
      transferring out account 31012
1122
1123 DEBUG : Network.transferOut() - index
      inputIndexServer 40
1124
1125 DEBUG : Network.transferOut() - account number
      31012
1126
1127 DEBUG : Server.processTransactions() -
      transferring in account 31012
1128
1129 DEBUG : Network.transferIn - account number 32613
1130
```

```
1131 DEBUG : Network.transferIn() - index
    outputIndexServer 41
1132
1133 DEBUG : Network.transferIn() - account number
    32613
1134
1135 DEBUG : Server.processTransactions() - Deposit of
    1500.0 in account 32613
1136
1137 DEBUG : Server.processTransactions() -
    transferring out account 32613
1138
1139 DEBUG : Network.transferOut() - index
    inputIndexServer 41
1140
1141 DEBUG : Network.transferOut() - account number
    32613
1142
1143 DEBUG : Server.processTransactions() -
    transferring in account 32613
1144
1145 DEBUG : Network.transferIn - account number 13133
1146
1147 DEBUG : Network.transferIn() - index
    outputIndexServer 42
1148
1149 DEBUG : Network.transferIn() - account number
    13133
1150
1151 DEBUG : Server.processTransactions() - Withdrawal
    of 300.0 from account 13133
1152
1153 DEBUG : Server.processTransactions() -
    transferring out account 13133
1154
1155 DEBUG : Network.transferOut() - index
    inputIndexServer 42
1156
1157 DEBUG : Network.transferOut() - account number
    13133
1158
```

```
1159 DEBUG : Server.processTransactions() -  
    transferring in account 13133  
1160  
1161 DEBUG : Network.transferIn - account number 43018  
1162  
1163 DEBUG : Network.transferIn() - index  
    outputIndexServer 43  
1164  
1165 DEBUG : Network.transferIn() - account number  
    43018  
1166  
1167 DEBUG : Server.processTransactions() - Deposit of  
    250.0 in account 43018  
1168  
1169 DEBUG : Server.processTransactions() -  
    transferring out account 43018  
1170  
1171 DEBUG : Network.transferOut() - index  
    inputIndexServer 43  
1172  
1173 DEBUG : Network.transferOut() - account number  
    43018  
1174  
1175 DEBUG : Server.processTransactions() -  
    transferring in account 43018  
1176  
1177 DEBUG : Network.transferIn - account number 91412  
1178  
1179 DEBUG : Network.transferIn() - index  
    outputIndexServer 44  
1180  
1181 DEBUG : Network.transferIn() - account number  
    91412  
1182  
1183 DEBUG : Server.processTransactions() - Deposit of  
    305.0 in account 91412  
1184  
1185 DEBUG : Server.processTransactions() -  
    transferring out account 91412  
1186  
1187 DEBUG : Network.transferOut() - index
```

```
1187 inputIndexServer 44
1188
1189 DEBUG : Network.transferOut() - account number
91412
1190
1191 DEBUG : Server.processTransactions() -
transferring in account 91412
1192
1193 DEBUG : Network.transferIn - account number 11314
1194
1195 DEBUG : Network.transferIn() - index
outputIndexServer 45
1196
1197 DEBUG : Network.transferIn() - account number
11314
1198
1199 DEBUG : Server.processTransactions() - Deposit of
1000.0 in account 11314
1200
1201 DEBUG : Server.processTransactions() -
transferring out account 11314
1202
1203 DEBUG : Network.transferOut() - index
inputIndexServer 45
1204
1205 DEBUG : Network.transferOut() - account number
11314
1206
1207 DEBUG : Server.processTransactions() -
transferring in account 11314
1208
1209 DEBUG : Network.transferIn - account number 00812
1210
1211 DEBUG : Network.transferIn() - index
outputIndexServer 46
1212
1213 DEBUG : Network.transferIn() - account number
00812
1214
1215 DEBUG : Server.processTransactions() - Obtaining
balance from account00812
```

```
1216
1217 DEBUG : Server.processTransactions() -
    transferring out account 00812
1218
1219 DEBUG : Network.transferOut() - index
    inputIndexServer 46
1220
1221 DEBUG : Network.transferOut() - account number
    00812
1222
1223 DEBUG : Server.processTransactions() -
    transferring in account 00812
1224
1225 DEBUG : Network.transferIn - account number 61527
1226
1227 DEBUG : Network.transferIn() - index
    outputIndexServer 47
1228
1229 DEBUG : Network.transferIn() - account number
    61527
1230
1231 DEBUG : Server.processTransactions() - Withdrawal
    of 10000.0 from account 61527
1232
1233 DEBUG : Server.processTransactions() -
    transferring out account 61527
1234
1235 DEBUG : Network.transferOut() - index
    inputIndexServer 47
1236
1237 DEBUG : Network.transferOut() - account number
    61527
1238
1239 DEBUG : Server.processTransactions() -
    transferring in account 61527
1240
1241 DEBUG : Network.transferIn - account number 43817
1242
1243 DEBUG : Network.transferIn() - index
    outputIndexServer 48
1244
```

```
1245 DEBUG : Network.transferIn() - account number  
        43817  
1246  
1247 DEBUG : Server.processTransactions() - Deposit of  
        65.0 in account 43817  
1248  
1249 DEBUG : Server.processTransactions() -  
        transferring out account 43817  
1250  
1251 DEBUG : Network.transferOut() - index  
        inputIndexServer 48  
1252  
1253 DEBUG : Network.transferOut() - account number  
        43817  
1254  
1255 DEBUG : Server.processTransactions() -  
        transferring in account 43817  
1256  
1257 DEBUG : Network.transferIn - account number 92018  
1258  
1259 DEBUG : Network.transferIn() - index  
        outputIndexServer 49  
1260  
1261 DEBUG : Network.transferIn() - account number  
        92018  
1262  
1263 DEBUG : Server.processTransactions() - Withdrawal  
        of 250.0 from account 92018  
1264  
1265 DEBUG : Server.processTransactions() -  
        transferring out account 92018  
1266  
1267 DEBUG : Network.transferOut() - index  
        inputIndexServer 49  
1268  
1269 DEBUG : Network.transferOut() - account number  
        92018  
1270  
1271 DEBUG : Server.processTransactions() -  
        transferring in account 92018  
1272
```

```
1273 DEBUG : Network.transferIn - account number 42850
1274
1275 DEBUG : Network.transferIn() - index
    outputIndexServer 50
1276
1277 DEBUG : Network.transferIn() - account number
    42850
1278
1279 DEBUG : Server.processTransactions() - Deposit of
    655.0 in account 42850
1280
1281 DEBUG : Server.processTransactions() -
    transferring out account 42850
1282
1283 DEBUG : Network.transferOut() - index
    inputIndexServer 50
1284
1285 DEBUG : Network.transferOut() - account number
    42850
1286
1287 DEBUG : Server.processTransactions() -
    transferring in account 42850
1288
1289 DEBUG : Network.transferIn - account number 92716
1290
1291 DEBUG : Network.transferIn() - index
    outputIndexServer 51
1292
1293 DEBUG : Network.transferIn() - account number
    92716
1294
1295 DEBUG : Server.processTransactions() - Withdrawal
    of 345.0 from account 92716
1296
1297 DEBUG : Server.processTransactions() -
    transferring out account 92716
1298
1299 DEBUG : Network.transferOut() - index
    inputIndexServer 51
1300
1301 DEBUG : Network.transferOut() - account number
```

```
1301 92716
1302
1303 DEBUG : Server.processTransactions() -
transferring in account 92716
1304
1305 DEBUG : Network.transferIn - account number 01113
1306
1307 DEBUG : Network.transferIn() - index
outputIndexServer 52
1308
1309 DEBUG : Network.transferIn() - account number
01113
1310
1311 DEBUG : Server.processTransactions() - Deposit of
155.0 in account 01113
1312
1313 DEBUG : Server.processTransactions() -
transferring out account 01113
1314
1315 DEBUG : Network.transferOut() - index
inputIndexServer 52
1316
1317 DEBUG : Network.transferOut() - account number
01113
1318
1319 DEBUG : Server.processTransactions() -
transferring in account 01113
1320
1321 DEBUG : Network.transferIn - account number 60716
1322
1323 DEBUG : Network.transferIn() - index
outputIndexServer 53
1324
1325 DEBUG : Network.transferIn() - account number
60716
1326
1327 DEBUG : Server.processTransactions() - Deposit of
700.0 in account 60716
1328
1329 DEBUG : Server.processTransactions() -
transferring out account 60716
```

```
1330
1331 DEBUG : Network.transferOut() - index
    inputIndexServer 53
1332
1333 DEBUG : Network.transferOut() - account number
    60716
1334
1335 DEBUG : Server.processTransactions() -
    transferring in account 60716
1336
1337 DEBUG : Network.transferIn - account number 01823
1338
1339 DEBUG : Network.transferIn() - index
    outputIndexServer 54
1340
1341 DEBUG : Network.transferIn() - account number
    01823
1342
1343 DEBUG : Server.processTransactions() - Deposit of
    300.0 in account 01823
1344
1345 DEBUG : Server.processTransactions() -
    transferring out account 01823
1346
1347 DEBUG : Network.transferOut() - index
    inputIndexServer 54
1348
1349 DEBUG : Network.transferOut() - account number
    01823
1350
1351 DEBUG : Server.processTransactions() -
    transferring in account 01823
1352
1353 DEBUG : Network.transferIn - account number 13331
1354
1355 DEBUG : Network.transferIn() - index
    outputIndexServer 55
1356
1357 DEBUG : Network.transferIn() - account number
    13331
1358
```

```
1359 DEBUG : Server.processTransactions() - Withdrawal
of 350.0 from account 13331
1360
1361 DEBUG : Server.processTransactions() -
transferring out account 13331
1362
1363 DEBUG : Network.transferOut() - index
inputIndexServer 55
1364
1365 DEBUG : Network.transferOut() - account number
13331
1366
1367 DEBUG : Server.processTransactions() -
transferring in account 13331
1368
1369 DEBUG : Network.transferIn - account number 81368
1370
1371 DEBUG : Network.transferIn() - index
outputIndexServer 56
1372
1373 DEBUG : Network.transferIn() - account number
81368
1374
1375 DEBUG : Server.processTransactions() - Withdrawal
of 2000.0 from account 81368
1376
1377 DEBUG : Server.processTransactions() -
transferring out account 81368
1378
1379 DEBUG : Network.transferOut() - index
inputIndexServer 56
1380
1381 DEBUG : Network.transferOut() - account number
81368
1382
1383 DEBUG : Server.processTransactions() -
transferring in account 81368
1384
1385 DEBUG : Network.transferIn - account number 91214
1386
1387 DEBUG : Network.transferIn() - index
```

```
1387 outputIndexServer 57
1388
1389 DEBUG : Network.transferIn() - account number
91214
1390
1391 DEBUG : Server.processTransactions() - Deposit of
180.0 in account 91214
1392
1393 DEBUG : Server.processTransactions() -
transferring out account 91214
1394
1395 DEBUG : Network.transferOut() - index
inputIndexServer 57
1396
1397 DEBUG : Network.transferOut() - account number
91214
1398
1399 DEBUG : Server.processTransactions() -
transferring in account 91214
1400
1401 DEBUG : Network.transferIn - account number 91245
1402
1403 DEBUG : Network.transferIn() - index
outputIndexServer 58
1404
1405 DEBUG : Network.transferIn() - account number
91245
1406
1407 DEBUG : Server.processTransactions() - Withdrawal
of 2300.0 from account 91245
1408
1409 DEBUG : Server.processTransactions() -
transferring out account 91245
1410
1411 DEBUG : Network.transferOut() - index
inputIndexServer 58
1412
1413 DEBUG : Network.transferOut() - account number
91245
1414
1415 DEBUG : Server.processTransactions() -
```

```
1415 transferring in account 91245
1416
1417 DEBUG : Network.transferIn - account number 42018
1418
1419 DEBUG : Network.transferIn() - index
    outputIndexServer 59
1420
1421 DEBUG : Network.transferIn() - account number
    42018
1422
1423 DEBUG : Server.processTransactions() - Withdrawal
    of 1000.0 from account 42018
1424
1425 DEBUG : Server.processTransactions() -
    transferring out account 42018
1426
1427 DEBUG : Network.transferOut() - index
    inputIndexServer 59
1428
1429 DEBUG : Network.transferOut() - account number
    42018
1430
1431 DEBUG : Server.processTransactions() -
    transferring in account 42018
1432
1433 DEBUG : Network.transferIn - account number 62023
1434
1435 DEBUG : Network.transferIn() - index
    outputIndexServer 60
1436
1437 DEBUG : Network.transferIn() - account number
    62023
1438
1439 DEBUG : Server.processTransactions() - Deposit of
    22000.0 in account 62023
1440
1441 DEBUG : Server.processTransactions() -
    transferring out account 62023
1442
1443 DEBUG : Network.transferOut() - index
    inputIndexServer 60
```

```
1444
1445 DEBUG : Network.transferOut() - account number
62023
1446
1447 DEBUG : Server.processTransactions() -
transferring in account 62023
1448
1449 DEBUG : Network.transferIn - account number 01314
1450
1451 DEBUG : Network.transferIn() - index
outputIndexServer 61
1452
1453 DEBUG : Network.transferIn() - account number
01314
1454
1455 DEBUG : Server.processTransactions() - Obtaining
balance from account 01314
1456
1457 DEBUG : Server.processTransactions() -
transferring out account 01314
1458
1459 DEBUG : Network.transferOut() - index
inputIndexServer 61
1460
1461 DEBUG : Network.transferOut() - account number
01314
1462
1463 DEBUG : Server.processTransactions() -
transferring in account 01314
1464
1465 DEBUG : Network.transferIn - account number 20922
1466
1467 DEBUG : Network.transferIn() - index
outputIndexServer 62
1468
1469 DEBUG : Network.transferIn() - account number
20922
1470
1471 DEBUG : Server.processTransactions() - Withdrawal
of 1500.0 from account 20922
1472
```

```
1473 DEBUG : Server.processTransactions() -  
    transferring out account 20922  
1474  
1475 DEBUG : Network.transferOut() - index  
    inputIndexServer 62  
1476  
1477 DEBUG : Network.transferOut() - account number  
    20922  
1478  
1479 DEBUG : Server.processTransactions() -  
    transferring in account 20922  
1480  
1481 DEBUG : Network.transferIn - account number 21219  
1482  
1483 DEBUG : Network.transferIn() - index  
    outputIndexServer 63  
1484  
1485 DEBUG : Network.transferIn() - account number  
    21219  
1486  
1487 DEBUG : Server.processTransactions() - Obtaining  
    balance from account21219  
1488  
1489 DEBUG : Server.processTransactions() -  
    transferring out account 21219  
1490  
1491 DEBUG : Network.transferOut() - index  
    inputIndexServer 63  
1492  
1493 DEBUG : Network.transferOut() - account number  
    21219  
1494  
1495 DEBUG : Server.processTransactions() -  
    transferring in account 21219  
1496  
1497 DEBUG : Network.transferIn - account number 83530  
1498  
1499 DEBUG : Network.transferIn() - index  
    outputIndexServer 64  
1500  
1501 DEBUG : Network.transferIn() - account number
```

```
1501 83530
1502
1503 DEBUG : Server.processTransactions() - Deposit of
134750.0 in account 83530
1504
1505 DEBUG : Server.processTransactions() -
transferring out account 83530
1506
1507 DEBUG : Network.transferOut() - index
inputIndexServer 64
1508
1509 DEBUG : Network.transferOut() - account number
83530
1510
1511 DEBUG : Server.processTransactions() -
transferring in account 83530
1512
1513 DEBUG : Network.transferIn - account number 83830
1514
1515 DEBUG : Network.transferIn() - index
outputIndexServer 65
1516
1517 DEBUG : Network.transferIn() - account number
83830
1518
1519 DEBUG : Server.processTransactions() - Withdrawal
of 250.0 from account 83830
1520
1521 DEBUG : Server.processTransactions() -
transferring out account 83830
1522
1523 DEBUG : Network.transferOut() - index
inputIndexServer 65
1524
1525 DEBUG : Network.transferOut() - account number
83830
1526
1527 DEBUG : Server.processTransactions() -
transferring in account 83830
1528
1529 DEBUG : Network.transferIn - account number 72820
```

```
1530
1531 DEBUG : Network.transferIn() - index
    outputIndexServer 66
1532
1533 DEBUG : Network.transferIn() - account number
    72820
1534
1535 DEBUG : Server.processTransactions() - Deposit of
    50000.0 in account 72820
1536
1537 DEBUG : Server.processTransactions() -
    transferring out account 72820
1538
1539 DEBUG : Network.transferOut() - index
    inputIndexServer 66
1540
1541 DEBUG : Network.transferOut() - account number
    72820
1542
1543 DEBUG : Server.processTransactions() -
    transferring in account 72820
1544
1545 DEBUG : Network.transferIn - account number 92318
1546
1547 DEBUG : Network.transferIn() - index
    outputIndexServer 67
1548
1549 DEBUG : Network.transferIn() - account number
    92318
1550
1551 DEBUG : Server.processTransactions() - Deposit of
    1110.0 in account 92318
1552
1553 DEBUG : Server.processTransactions() -
    transferring out account 92318
1554
1555 DEBUG : Network.transferOut() - index
    inputIndexServer 67
1556
1557 DEBUG : Network.transferOut() - account number
    92318
```

```
1558
1559 DEBUG : Server.processTransactions() -
    transferring in account 92318
1560
1561 DEBUG : Network.transferIn - account number 42520
1562
1563 DEBUG : Network.transferIn() - index
    outputIndexServer 68
1564
1565 DEBUG : Network.transferIn() - account number
    42520
1566
1567 DEBUG : Server.processTransactions() - Deposit of
    650.0 in account 42520
1568
1569 DEBUG : Server.processTransactions() -
    transferring out account 42520
1570
1571 DEBUG : Network.transferOut() - index
    inputIndexServer 68
1572
1573 DEBUG : Network.transferOut() - account number
    42520
1574
1575 DEBUG : Server.processTransactions() -
    transferring in account 42520
1576
1577 DEBUG : Network.transferIn - account number 61612
1578
1579 DEBUG : Network.transferIn() - index
    outputIndexServer 69
1580
1581 DEBUG : Network.transferIn() - account number
    61612
1582
1583 DEBUG : Server.processTransactions() - Withdrawal
    of 600.0 from account 61612
1584
1585 DEBUG : Server.processTransactions() -
    transferring out account 61612
1586
```

```
1587 DEBUG : Network.transferOut() - index
    inputIndexServer 69
1588
1589 DEBUG : Network.transferOut() - account number
    61612
1590
1591 DEBUG : Server.processTransactions() -
    transferring in account 61612
1592
1593 DEBUG : Network.transferIn - account number 12535
1594
1595 DEBUG : Network.transferIn() - index
    outputIndexServer 70
1596
1597 DEBUG : Network.transferIn() - account number
    12535
1598
1599 DEBUG : Network.transferIn() - inComingBuffer
    status empty
1600
1601 DEBUG : Server.processTransactions() - Deposit of
    750.0 in account 12535
1602
1603 DEBUG : Server.processTransactions() -
    transferring out account 12535
1604
1605 DEBUG : Network.transferOut() - index
    inputIndexServer 70
1606
1607 DEBUG : Network.transferOut() - account number
    12535
1608
1609 Account number 31718 Account Balance 100.0 Message
    done
1610
1611 DEBUG : Network.receive() - index
    outputIndexClient 1
1612
1613 DEBUG : Network.receive() - account number 11528
1614
1615 DEBUG : Client.receiveTransactions() - receiving
```

```
1615 updated transaction on account 11528
1616
1617 Account number 11528 Account Balance 500.0 Message
      done
1618
1619 DEBUG : Network.receive() - index
      outputIndexClient 2
1620
1621 DEBUG : Network.receive() - account number 16783
1622
1623 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 16783
1624
1625 Account number 16783 Account Balance 8000.0
      Message done
1626
1627 DEBUG : Network.receive() - index
      outputIndexClient 3
1628
1629 DEBUG : Network.receive() - account number 10538
1630
1631 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 10538
1632
1633 Account number 10538 Account Balance 140000.0
      Message done
1634
1635 DEBUG : Network.receive() - index
      outputIndexClient 4
1636
1637 DEBUG : Network.receive() - account number 21015
1638
1639 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 21015
1640
1641 Account number 21015 Account Balance 100.0 Message
      done
1642
1643 DEBUG : Network.receive() - index
      outputIndexClient 5
1644
```

```
1645 DEBUG : Network.receive() - account number 61326
1646
1647 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 61326
1648
1649 Account number 61326 Account Balance 1750.0
    Message done
1650
1651 DEBUG : Network.receive() - index
    outputIndexClient 6
1652
1653 DEBUG : Network.receive() - account number 82465
1654
1655 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 82465
1656
1657 Account number 82465 Account Balance 20000.0
    Message done
1658
1659 DEBUG : Network.receive() - index
    outputIndexClient 7
1660
1661 DEBUG : Network.receive() - account number 31816
1662
1663 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 31816
1664
1665 Account number 31816 Account Balance 20500.0
    Message done
1666
1667 DEBUG : Network.receive() - index
    outputIndexClient 8
1668
1669 DEBUG : Network.receive() - account number 73745
1670
1671 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 73745
1672
1673 Account number 73745 Account Balance 100.0 Message
    done
1674
```

```
1675 DEBUG : Network.receive() - index
    outputIndexClient 9
1676
1677 DEBUG : Network.receive() - account number 81514
1678
1679 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 81514
1680
1681 Account number 81514 Account Balance -200.0
    Message done
1682
1683 DEBUG : Network.receive() - index
    outputIndexClient 10
1684
1685 DEBUG : Network.receive() - account number 71854
1686
1687 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 71854
1688
1689 Account number 71854 Account Balance 10000.0
    Message done
1690
1691 DEBUG : Network.receive() - index
    outputIndexClient 11
1692
1693 DEBUG : Network.receive() - account number 92012
1694
1695 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 92012
1696
1697 Account number 92012 Account Balance 750.0 Message
    done
1698
1699 DEBUG : Network.receive() - index
    outputIndexClient 12
1700
1701 DEBUG : Network.receive() - account number 52853
1702
1703 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 52853
1704
```

```
1705 Account number 52853 Account Balance 1000.0
      Message done
1706
1707 DEBUG : Network.receive() - index
      outputIndexClient 13
1708
1709 DEBUG : Network.receive() - account number 41714
1710
1711 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 41714
1712
1713 Account number 41714 Account Balance 1100.0
      Message done
1714
1715 DEBUG : Network.receive() - index
      outputIndexClient 14
1716
1717 DEBUG : Network.receive() - account number 58342
1718
1719 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 58342
1720
1721 Account number 58342 Account Balance 0.0 Message
      done
1722
1723 DEBUG : Network.receive() - index
      outputIndexClient 15
1724
1725 DEBUG : Network.receive() - account number 62080
1726
1727 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 62080
1728
1729 Account number 62080 Account Balance 100.0 Message
      done
1730
1731 DEBUG : Network.receive() - index
      outputIndexClient 16
1732
1733 DEBUG : Network.receive() - account number 21638
1734
```

```
1735 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 21638
1736
1737 Account number 21638 Account Balance -1000.0
           Message done
1738
1739 DEBUG : Network.receive() - index
           outputIndexClient 17
1740
1741 DEBUG : Network.receive() - account number 52726
1742
1743 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 52726
1744
1745 Account number 52726 Account Balance 33000.0
           Message done
1746
1747 DEBUG : Network.receive() - index
           outputIndexClient 18
1748
1749 DEBUG : Network.receive() - account number 91316
1750
1751 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 91316
1752
1753 Account number 91316 Account Balance 65000.0
           Message done
1754
1755 DEBUG : Network.receive() - index
           outputIndexClient 19
1756
1757 DEBUG : Network.receive() - account number 60520
1758
1759 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 60520
1760
1761 Account number 60520 Account Balance 1100.0
           Message done
1762
1763 DEBUG : Network.receive() - index
           outputIndexClient 20
```

```
1764
1765 DEBUG : Network.receive() - account number 23033
1766
1767 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 23033
1768
1769 Account number 23033 Account Balance 30000.0
           Message done
1770
1771 DEBUG : Network.receive() - index
           outputIndexClient 21
1772
1773 DEBUG : Network.receive() - account number 41911
1774
1775 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 41911
1776
1777 Account number 41911 Account Balance 1500.0
           Message done
1778
1779 DEBUG : Network.receive() - index
           outputIndexClient 22
1780
1781 DEBUG : Network.receive() - account number 39331
1782
1783 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 39331
1784
1785 Account number 39331 Account Balance 0.0 Message
           done
1786
1787 DEBUG : Network.receive() - index
           outputIndexClient 23
1788
1789 DEBUG : Network.receive() - account number 91312
1790
1791 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 91312
1792
1793 Account number 91312 Account Balance 1000.0
           Message done
```

```
1794
1795 DEBUG : Network.receive() - index
    outputIndexClient 24
1796
1797 DEBUG : Network.receive() - account number 15307
1798
1799 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 15307
1800
1801 Account number 15307 Account Balance 300.0 Message
    done
1802
1803 DEBUG : Network.receive() - index
    outputIndexClient 25
1804
1805 DEBUG : Network.receive() - account number 51728
1806
1807 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 51728
1808
1809 Account number 51728 Account Balance -800.0
    Message done
1810
1811 DEBUG : Network.receive() - index
    outputIndexClient 26
1812
1813 DEBUG : Network.receive() - account number 43902
1814
1815 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 43902
1816
1817 Account number 43902 Account Balance 1000.0
    Message done
1818
1819 DEBUG : Network.receive() - index
    outputIndexClient 27
1820
1821 DEBUG : Network.receive() - account number 52521
1822
1823 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 52521
```

```
1824
1825 Account number 52521 Account Balance 7000.0
    Message done
1826
1827 DEBUG : Network.receive() - index
    outputIndexClient 28
1828
1829 DEBUG : Network.receive() - account number 31215
1830
1831 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 31215
1832
1833 Account number 31215 Account Balance 2000.0
    Message done
1834
1835 DEBUG : Network.receive() - index
    outputIndexClient 29
1836
1837 DEBUG : Network.receive() - account number 22310
1838
1839 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 22310
1840
1841 Account number 22310 Account Balance 100.0 Message
    done
1842
1843 DEBUG : Network.receive() - index
    outputIndexClient 30
1844
1845 DEBUG : Network.receive() - account number 26734
1846
1847 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 26734
1848
1849 Account number 26734 Account Balance 600.0 Message
    done
1850
1851 DEBUG : Network.receive() - index
    outputIndexClient 31
1852
1853 DEBUG : Network.receive() - account number 41024
```

```
1854
1855 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 41024
1856
1857 Account number 41024 Account Balance 1500.0
           Message done
1858
1859 DEBUG : Network.receive() - index
           outputIndexClient 32
1860
1861 DEBUG : Network.receive() - account number 38421
1862
1863 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 38421
1864
1865 Account number 38421 Account Balance 5800.0
           Message done
1866
1867 DEBUG : Network.receive() - index
           outputIndexClient 33
1868
1869 DEBUG : Network.receive() - account number 70321
1870
1871 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 70321
1872
1873 Account number 70321 Account Balance 0.0 Message
           done
1874
1875 DEBUG : Network.receive() - index
           outputIndexClient 34
1876
1877 DEBUG : Network.receive() - account number 12421
1878
1879 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 12421
1880
1881 Account number 12421 Account Balance 1000.0
           Message done
1882
1883 DEBUG : Network.receive() - index
```

```
1883 outputIndexClient 35
1884
1885 DEBUG : Network.receive() - account number 82411
1886
1887 DEBUG : Client.receiveTransactions() - receiving
     updated transaction on account 82411
1888
1889 Account number 82411 Account Balance -400.0
     Message done
1890
1891 DEBUG : Network.receive() - index
     outputIndexClient 36
1892
1893 DEBUG : Network.receive() - account number 21117
1894
1895 DEBUG : Client.receiveTransactions() - receiving
     updated transaction on account 21117
1896
1897 Account number 21117 Account Balance 100.0 Message
     done
1898
1899 DEBUG : Network.receive() - index
     outputIndexClient 37
1900
1901 DEBUG : Network.receive() - account number 00925
1902
1903 DEBUG : Client.receiveTransactions() - receiving
     updated transaction on account 00925
1904
1905 Account number 00925 Account Balance 1000.0
     Message done
1906
1907 DEBUG : Network.receive() - index
     outputIndexClient 38
1908
1909 DEBUG : Network.receive() - account number 31820
1910
1911 DEBUG : Client.receiveTransactions() - receiving
     updated transaction on account 31820
1912
1913 Account number 31820 Account Balance 1000.0
```

```
1913 Message done
1914
1915 DEBUG : Network.receive() - index
    outputIndexClient 39
1916
1917 DEBUG : Network.receive() - account number 91715
1918
1919 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 91715
1920
1921 Account number 91715 Account Balance 100.0 Message
    done
1922
1923 DEBUG : Network.receive() - index
    outputIndexClient 40
1924
1925 DEBUG : Network.receive() - account number 31012
1926
1927 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 31012
1928
1929 Account number 31012 Account Balance -1000.0
    Message done
1930
1931 DEBUG : Network.receive() - index
    outputIndexClient 41
1932
1933 DEBUG : Network.receive() - account number 32613
1934
1935 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 32613
1936
1937 Account number 32613 Account Balance 3000.0
    Message done
1938
1939 DEBUG : Network.receive() - index
    outputIndexClient 42
1940
1941 DEBUG : Network.receive() - account number 13133
1942
1943 DEBUG : Client.receiveTransactions() - receiving
```

```
1943 updated transaction on account 13133
1944
1945 Account number 13133 Account Balance -100.0
    Message done
1946
1947 DEBUG : Network.receive() - index
    outputIndexClient 43
1948
1949 DEBUG : Network.receive() - account number 43018
1950
1951 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 43018
1952
1953 Account number 43018 Account Balance 500.0 Message
    done
1954
1955 DEBUG : Network.receive() - index
    outputIndexClient 44
1956
1957 DEBUG : Network.receive() - account number 91412
1958
1959 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 91412
1960
1961 Account number 91412 Account Balance 400.0 Message
    done
1962
1963 DEBUG : Network.receive() - index
    outputIndexClient 45
1964
1965 DEBUG : Network.receive() - account number 11314
1966
1967 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 11314
1968
1969 Account number 11314 Account Balance 1000.0
    Message done
1970
1971 DEBUG : Network.receive() - index
    outputIndexClient 46
1972
```

```
1973 DEBUG : Network.receive() - account number 00812
1974
1975 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 00812
1976
1977 Account number 00812 Account Balance 1620.0
    Message done
1978
1979 DEBUG : Network.receive() - index
    outputIndexClient 47
1980
1981 DEBUG : Network.receive() - account number 61527
1982
1983 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 61527
1984
1985 Account number 61527 Account Balance 0.0 Message
    done
1986
1987 DEBUG : Network.receive() - index
    outputIndexClient 48
1988
1989 DEBUG : Network.receive() - account number 43817
1990
1991 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 43817
1992
1993 Account number 43817 Account Balance 100.0 Message
    done
1994
1995 DEBUG : Network.receive() - index
    outputIndexClient 49
1996
1997 DEBUG : Network.receive() - account number 92018
1998
1999 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 92018
2000
2001 Account number 92018 Account Balance -250.0
    Message done
2002
```

```
2003 DEBUG : Network.receive() - index
    outputIndexClient 50
2004
2005 DEBUG : Network.receive() - account number 42850
2006
2007 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 42850
2008
2009 Account number 42850 Account Balance 1000.0
    Message done
2010
2011 DEBUG : Network.receive() - index
    outputIndexClient 51
2012
2013 DEBUG : Network.receive() - account number 92716
2014
2015 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 92716
2016
2017 Account number 92716 Account Balance 1000.0
    Message done
2018
2019 DEBUG : Network.receive() - index
    outputIndexClient 52
2020
2021 DEBUG : Network.receive() - account number 01113
2022
2023 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 01113
2024
2025 Account number 01113 Account Balance 300.0 Message
    done
2026
2027 DEBUG : Network.receive() - index
    outputIndexClient 53
2028
2029 DEBUG : Network.receive() - account number 60716
2030
2031 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 60716
2032
```

```
2033 Account number 60716 Account Balance 1000.0
      Message done
2034
2035 DEBUG : Network.receive() - index
      outputIndexClient 54
2036
2037 DEBUG : Network.receive() - account number 01823
2038
2039 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 01823
2040
2041 Account number 01823 Account Balance 860.0 Message
      done
2042
2043 DEBUG : Network.receive() - index
      outputIndexClient 55
2044
2045 DEBUG : Network.receive() - account number 13331
2046
2047 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 13331
2048
2049 Account number 13331 Account Balance 1500.0
      Message done
2050
2051 DEBUG : Network.receive() - index
      outputIndexClient 56
2052
2053 DEBUG : Network.receive() - account number 81368
2054
2055 DEBUG : Client.receiveTransactions() - receiving
      updated transaction on account 81368
2056
2057 Account number 81368 Account Balance 350.0 Message
      done
2058
2059 DEBUG : Network.receive() - index
      outputIndexClient 57
2060
2061 DEBUG : Network.receive() - account number 91214
2062
```

```
2063 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 91214
2064
2065 Account number 91214 Account Balance 1600.0
           Message done
2066
2067 DEBUG : Network.receive() - index
           outputIndexClient 58
2068
2069 DEBUG : Network.receive() - account number 91245
2070
2071 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 91245
2072
2073 Account number 91245 Account Balance 1200.0
           Message done
2074
2075 DEBUG : Network.receive() - index
           outputIndexClient 59
2076
2077 DEBUG : Network.receive() - account number 42018
2078
2079 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 42018
2080
2081 Account number 42018 Account Balance -20.0 Message
           done
2082
2083 DEBUG : Network.receive() - index
           outputIndexClient 60
2084
2085 DEBUG : Network.receive() - account number 62023
2086
2087 DEBUG : Client.receiveTransactions() - receiving
           updated transaction on account 62023
2088
2089 Account number 62023 Account Balance 202200.0
           Message done
2090
2091 DEBUG : Network.receive() - index
           outputIndexClient 61
```

```
2092
2093 DEBUG : Network.receive() - account number 01314
2094
2095 DEBUG : Client.receiveTransactions() - receiving
2096 updated transaction on account 01314
2097 Account number 01314 Account Balance 1.05E7
2098 Message done
2099 DEBUG : Network.receive() - index
2100 outputIndexClient 62
2101 DEBUG : Network.receive() - account number 20922
2102
2103 DEBUG : Client.receiveTransactions() - receiving
2104 updated transaction on account 20922
2105 Account number 20922 Account Balance 240.0 Message
2106 done
2107 DEBUG : Network.receive() - index
2108 outputIndexClient 63
2109 DEBUG : Network.receive() - account number 21219
2110
2111 DEBUG : Client.receiveTransactions() - receiving
2112 updated transaction on account 21219
2113 Account number 21219 Account Balance 535000.0
2114 Message done
2115 DEBUG : Network.receive() - index
2116 outputIndexClient 64
2117 DEBUG : Network.receive() - account number 83530
2118
2119 DEBUG : Client.receiveTransactions() - receiving
2120 updated transaction on account 83530
2121 Account number 83530 Account Balance 980000.0
2122 Message done
```

```
2122
2123 DEBUG : Network.receive() - index
    outputIndexClient 65
2124
2125 DEBUG : Network.receive() - account number 83830
2126
2127 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 83830
2128
2129 Account number 83830 Account Balance 125.0 Message
    done
2130
2131 DEBUG : Network.receive() - index
    outputIndexClient 66
2132
2133 DEBUG : Network.receive() - account number 72820
2134
2135 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 72820
2136
2137 Account number 72820 Account Balance 100000.0
    Message done
2138
2139 DEBUG : Network.receive() - index
    outputIndexClient 67
2140
2141 DEBUG : Network.receive() - account number 92318
2142
2143 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 92318
2144
2145 Account number 92318 Account Balance 2400.0
    Message done
2146
2147 DEBUG : Network.receive() - index
    outputIndexClient 68
2148
2149 DEBUG : Network.receive() - account number 42520
2150
2151 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 42520
```

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2152
2153 Account number 42520 Account Balance 1000.0
    Message done
2154
2155 DEBUG : Network.receive() - index
    outputIndexClient 69
2156
2157 DEBUG : Network.receive() - account number 61612
2158
2159 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 61612
2160
2161 Account number 61612 Account Balance 25.0 Message
    done
2162
2163 DEBUG : Network.receive() - index
    outputIndexClient 70
2164
2165 DEBUG : Network.receive() - account number 12535
2166
2167 DEBUG : Network.receive() - outGoingBuffer status
    empty
2168
2169 DEBUG : Client.receiveTransactions() - receiving
    updated transaction on account 12535
2170
2171 Account number 12535 Account Balance 750.0 Message
    done
2172
2173 Terminating client Receive thread - Running time
    33 milliseconds
2174
2175 DEBUG : Server.processTransactions() - 71 accounts
    updated
2176
2177 Terminating server thread - Running time 45
    milliseconds
2178
2179 Both Client and Network disconnected
2180
2181 Process finished with exit code 0
```