

Below is a sample output from my program if you run TransferThread.java as you can see from the intermittent audit() outputs, the total money in the bank is not at 100,000. This demonstrates context switching.

```
initialized account 0 to 10000
initialized account 1 to 10000
initialized account 2 to 10000
initialized account 3 to 10000
initialized account 4 to 10000
initialized account 5 to 10000
initialized account 6 to 10000
initialized account 7 to 10000
initialized account 8 to 10000
initialized account 9 to 10000
initial audit is $100,000
transferring 422 from account 0 to account 2
transferring 28 from account 3 to account 1
transferring 146 from account 4 to account 4
transferring 567 from account 8 to account 5
transferring 145 from account 1 to account 2
transferring 562 from account 2 to account 1
transferring 12 from account 9 to account 4
transferring 290 from account 7 to account 3
transferring 7 from account 6 to account 4
transferring 66 from account 5 to account 8
transferring 422 from account 0 to account 4
transferring 146 from account 4 to account 7
transferring 145 from account 1 to account 0
transferring 28 from account 3 to account 1
transferring 12 from account 9 to account 0
transferring 562 from account 2 to account 2
transferring 567 from account 8 to account 3
transferring 290 from account 7 to account 3
transferring 7 from account 6 to account 1
transferring 66 from account 5 to account 5
transferring 422 from account 0 to account 1
transferring 146 from account 4 to account 3
transferring 28 from account 3 to account 3
transferring 145 from account 1 to account 1
transferring 562 from account 2 to account 1
transferring 12 from account 9 to account 9
transferring 290 from account 7 to account 9
transferring 567 from account 8 to account 0
transferring 7 from account 6 to account 4
transferring 66 from account 5 to account 1
transferring 422 from account 0 to account 0
transferring 28 from account 3 to account 4
transferring 146 from account 4 to account 2
```

transferring 12 from account 9 to account 5
transferring 7 from account 6 to account 3
transferring 562 from account 2 to account 0
transferring 145 from account 1 to account 8
transferring 66 from account 5 to account 4
transferring 567 from account 8 to account 7
transferring 290 from account 7 to account 2
transferring 422 from account 0 to account 6
transferring 7 from account 6 to account 3
transferring 28 from account 3 to account 3
transferring 145 from account 1 to account 1
transferring 66 from account 5 to account 2
transferring 562 from account 2 to account 3
transferring 12 from account 9 to account 5
transferring 146 from account 4 to account 6
transferring 290 from account 7 to account 3
transferring 567 from account 8 to account 1
transferring 422 from account 0 to account 0
transferring 7 from account 6 to account 0
transferring 28 from account 3 to account 7
transferring 562 from account 2 to account 1
transferring 12 from account 9 to account 0
transferring 146 from account 4 to account 4
transferring 290 from account 7 to account 3
transferring 66 from account 5 to account 5
transferring 145 from account 1 to account 8
transferring 567 from account 8 to account 0
transferring 7 from account 6 to account 8
transferring 28 from account 3 to account 5
transferring 562 from account 2 to account 4
transferring 422 from account 0 to account 0
transferring 145 from account 1 to account 5
transferring 66 from account 5 to account 4
transferring 290 from account 7 to account 1
transferring 146 from account 4 to account 8
transferring 12 from account 9 to account 2
transferring 567 from account 8 to account 9
transferring 7 from account 6 to account 3
transferring 28 from account 3 to account 1
transferring 562 from account 2 to account 6
transferring 145 from account 1 to account 1
transferring 66 from account 5 to account 9
transferring 146 from account 4 to account 8
transferring 422 from account 0 to account 6
transferring 290 from account 7 to account 4
=====audit total is 99046=====

=====audit total is 98479=====

transferring 567 from account 8 to account 0

transferring 12 from account 9 to account 0
transferring 7 from account 6 to account 0
transferring 562 from account 2 to account 5
transferring 28 from account 3 to account 9
transferring 146 from account 4 to account 1
transferring 422 from account 0 to account 3
transferring 66 from account 5 to account 3
transferring 145 from account 1 to account 3
transferring 290 from account 7 to account 6
transferring 567 from account 8 to account 4
transferring 12 from account 9 to account 2
transferring 28 from account 3 to account 5
transferring 422 from account 0 to account 9
transferring 145 from account 1 to account 4
transferring 146 from account 4 to account 7
transferring 290 from account 7 to account 5
transferring 562 from account 2 to account 0
transferring 7 from account 6 to account 1
transferring 66 from account 5 to account 4
transferring 567 from account 8 to account 1
transferring 12 from account 9 to account 6
transferring 28 from account 3 to account 2
transferring 422 from account 0 to account 8
transferring 145 from account 1 to account 1
transferring 146 from account 4 to account 2
transferring 7 from account 6 to account 5
transferring 562 from account 2 to account 9
transferring 290 from account 7 to account 2
transferring 66 from account 5 to account 0
transferring 567 from account 8 to account 9
transferring 12 from account 9 to account 9
transferring 28 from account 3 to account 3
transferring 422 from account 0 to account 2
transferring 145 from account 1 to account 0
transferring 146 from account 4 to account 6
transferring 7 from account 6 to account 9
transferring 562 from account 2 to account 2
transferring 66 from account 5 to account 6
transferring 290 from account 7 to account 4
transferring 567 from account 8 to account 2
transferring 12 from account 9 to account 0
transferring 28 from account 3 to account 6
transferring 145 from account 1 to account 3
transferring 422 from account 0 to account 7
transferring 146 from account 4 to account 1
transferring 7 from account 6 to account 9
transferring 562 from account 2 to account 3
transferring 66 from account 5 to account 9

transferring 290 from account 7 to account 9
transferring 567 from account 8 to account 1
transferring 12 from account 9 to account 0
transferring 28 from account 3 to account 0
transferring 145 from account 1 to account 1
transferring 422 from account 0 to account 5
transferring 146 from account 4 to account 0
transferring 7 from account 6 to account 2
transferring 562 from account 2 to account 0
transferring 66 from account 5 to account 2
transferring 290 from account 7 to account 5
transferring 567 from account 8 to account 7
transferring 12 from account 9 to account 5
transferring 28 from account 3 to account 7
transferring 146 from account 4 to account 7
transferring 7 from account 6 to account 1

=====audit total is 98891=====

=====audit total is 98329=====

transferring 66 from account 5 to account 2
transferring 290 from account 7 to account 2

=====audit total is 97907=====

transferring 422 from account 0 to account 3
transferring 562 from account 2 to account 9
transferring 145 from account 1 to account 9
transferring 567 from account 8 to account 3
transferring 12 from account 9 to account 9
transferring 28 from account 3 to account 0
transferring 7 from account 6 to account 7
transferring 146 from account 4 to account 1
transferring 66 from account 5 to account 2
transferring 290 from account 7 to account 5
transferring 422 from account 0 to account 7
transferring 562 from account 2 to account 7
transferring 145 from account 1 to account 7
transferring 567 from account 8 to account 2
transferring 12 from account 9 to account 0
transferring 28 from account 3 to account 4
transferring 146 from account 4 to account 6
transferring 7 from account 6 to account 8
transferring 290 from account 7 to account 9
transferring 422 from account 0 to account 8
transferring 562 from account 2 to account 3
transferring 66 from account 5 to account 6
transferring 145 from account 1 to account 1
transferring 567 from account 8 to account 8
transferring 12 from account 9 to account 3
transferring 28 from account 3 to account 8
transferring 146 from account 4 to account 8

transferring 422 from account 0 to account 4
transferring 7 from account 6 to account 9
transferring 290 from account 7 to account 2
transferring 562 from account 2 to account 0
transferring 66 from account 5 to account 1
transferring 145 from account 1 to account 8
transferring 567 from account 8 to account 7
transferring 12 from account 9 to account 3
transferring 28 from account 3 to account 2
transferring 146 from account 4 to account 3
transferring 422 from account 0 to account 8
transferring 7 from account 6 to account 1
transferring 290 from account 7 to account 0
transferring 562 from account 2 to account 8
transferring 66 from account 5 to account 2
transferring 145 from account 1 to account 5
transferring 567 from account 8 to account 9
transferring 12 from account 9 to account 2
transferring 28 from account 3 to account 3
transferring 146 from account 4 to account 7
transferring 422 from account 0 to account 3
transferring 290 from account 7 to account 6
transferring 7 from account 6 to account 2
transferring 562 from account 2 to account 2
transferring 66 from account 5 to account 0
transferring 145 from account 1 to account 1
transferring 567 from account 8 to account 9
transferring 12 from account 9 to account 6

=====audit total is 97783=====

=====audit total is 97929=====

transferring 146 from account 4 to account 8
transferring 28 from account 3 to account 4
transferring 290 from account 7 to account 8
transferring 422 from account 0 to account 2
transferring 7 from account 6 to account 8
transferring 562 from account 2 to account 6
transferring 66 from account 5 to account 8
transferring 145 from account 1 to account 5
transferring 567 from account 8 to account 8
transferring 12 from account 9 to account 8
transferring 146 from account 4 to account 8
transferring 28 from account 3 to account 0
transferring 290 from account 7 to account 8
transferring 422 from account 0 to account 4
transferring 7 from account 6 to account 2
transferring 562 from account 2 to account 3
transferring 66 from account 5 to account 9
transferring 145 from account 1 to account 0

transferring 567 from account 8 to account 1
transferring 12 from account 9 to account 1
transferring 146 from account 4 to account 4
transferring 28 from account 3 to account 0
transferring 290 from account 7 to account 6
transferring 422 from account 0 to account 3
transferring 7 from account 6 to account 2
transferring 562 from account 2 to account 5
transferring 66 from account 5 to account 4
transferring 145 from account 1 to account 9
transferring 567 from account 8 to account 2
transferring 12 from account 9 to account 6
transferring 146 from account 4 to account 5
transferring 28 from account 3 to account 2
transferring 290 from account 7 to account 5
transferring 7 from account 6 to account 2
transferring 422 from account 0 to account 9
transferring 562 from account 2 to account 7
transferring 66 from account 5 to account 1
transferring 145 from account 1 to account 4
transferring 567 from account 8 to account 1
transferring 12 from account 9 to account 6
transferring 146 from account 4 to account 8
transferring 28 from account 3 to account 4
transferring 290 from account 7 to account 8
transferring 7 from account 6 to account 4
transferring 422 from account 0 to account 0
transferring 562 from account 2 to account 3
transferring 66 from account 5 to account 0
transferring 145 from account 1 to account 7
transferring 567 from account 8 to account 5
transferring 12 from account 9 to account 1