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1 /Users/claudio/Library/Java/JavaVirtualMachines/openjdk-21.0.1/Contents/Home/bin/  
java -javaagent:/Applications/IntelliJ IDEA.app/Contents/lib/idea_rt.jar=52651:/  
Applications/IntelliJ IDEA.app/Contents/bin -Dfile.encoding=UTF-8 -Dsun.stdout.  
encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath /Users/claudio/Desktop/  
School/CS/LMC/COMSC255_Java/Assignments/Assignment8_Account_comparable_cloneable/  
target/classes org.example.Assignment8_Part2  
2 Clone Array from elements  
3 Account ID: 1000 Balance: 1400.00 Date created: Tue Mar 12 19:53:15 PDT 2024  
4 Account ID: 1001 Balance: 1300.00 Date created: Tue Mar 12 19:53:15 PDT 2024  
5 Account ID: 1002 Balance: 1200.00 Date created: Tue Mar 12 19:53:15 PDT 2024  
6 Account ID: 1003 Balance: 1100.00 Date created: Tue Mar 12 19:53:15 PDT 2024  
7 Account ID: 1004 Balance: 1000.00 Date created: Tue Mar 12 19:53:15 PDT 2024  
8  
9 Checking if the cloned ComparableAccount object is at the same memory location..  
10 CloneArray.dateCreated == OriginalArray[0].dateCreated: FALSE  
11 CloneArray.dateCreated == OriginalArray[1].dateCreated: FALSE  
12 CloneArray.dateCreated == OriginalArray[2].dateCreated: FALSE  
13 CloneArray.dateCreated == OriginalArray[3].dateCreated: FALSE  
14 CloneArray.dateCreated == OriginalArray[4].dateCreated: FALSE  
15  
16 Checking if the cloned ComparableAccount object has a Date object with the same  
value..  
17 CloneArray.dateCreated.compareTo(OriginalArray[0].dateCreated): 0  
18 CloneArray.dateCreated.compareTo(OriginalArray[1].dateCreated): 0  
19 CloneArray.dateCreated.compareTo(OriginalArray[2].dateCreated): 0  
20 CloneArray.dateCreated.compareTo(OriginalArray[3].dateCreated): 0  
21 CloneArray.dateCreated.compareTo(OriginalArray[4].dateCreated): 0
```

22

23 Before Sorting..

24 Account ID: 1000 Balance: 1400.00 Date created: Tue Mar 12 19:53:15 PDT 2024

25 Account ID: 1001 Balance: 1300.00 Date created: Tue Mar 12 19:53:15 PDT 2024

26 Account ID: 1002 Balance: 1200.00 Date created: Tue Mar 12 19:53:15 PDT 2024

27 Account ID: 1003 Balance: 1100.00 Date created: Tue Mar 12 19:53:15 PDT 2024

28 Account ID: 1004 Balance: 1000.00 Date created: Tue Mar 12 19:53:15 PDT 2024

29

30 After Sorting..

31 Account ID: 1004 Balance: 1000.00 Date created: Tue Mar 12 19:53:15 PDT 2024

32 Account ID: 1003 Balance: 1100.00 Date created: Tue Mar 12 19:53:15 PDT 2024

33 Account ID: 1002 Balance: 1200.00 Date created: Tue Mar 12 19:53:15 PDT 2024

34 Account ID: 1001 Balance: 1300.00 Date created: Tue Mar 12 19:53:15 PDT 2024

35 Account ID: 1000 Balance: 1400.00 Date created: Tue Mar 12 19:53:15 PDT 2024

36

37 After withdrawing \$500 from cloned accounts..

38 Original accounts:

39 Account ID: 1004 Balance: 1000.00 Date created: Tue Mar 12 19:53:15 PDT 2024

40 Account ID: 1003 Balance: 1100.00 Date created: Tue Mar 12 19:53:15 PDT 2024

41 Account ID: 1002 Balance: 1200.00 Date created: Tue Mar 12 19:53:15 PDT 2024

42 Account ID: 1001 Balance: 1300.00 Date created: Tue Mar 12 19:53:15 PDT 2024

43 Account ID: 1000 Balance: 1400.00 Date created: Tue Mar 12 19:53:15 PDT 2024

44 Cloned accounts:

45 Account ID: 1000 Balance: 900.00 Date created: Tue Mar 12 19:53:15 PDT 2024

46 Account ID: 1001 Balance: 800.00 Date created: Tue Mar 12 19:53:15 PDT 2024

47 Account ID: 1002 Balance: 700.00 Date created: Tue Mar 12 19:53:15 PDT 2024

48 Account ID: 1003 Balance: 600.00 Date created: Tue Mar 12 19:53:15 PDT 2024

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49 Account ID: 1004 Balance: 500.00 Date created: Tue Mar 12 19:53:15 PDT 2024
50
51 Process finished with exit code 0
52
```