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Test 1:

   Test 1 was the first test to run. All of the differences between the terminal output and the expected terminal output are detected in all of the test cases. This is because the strings that are printed out in the terminal do not have a new line, which made the whole output into a single line. We did not try to find the bugs or the code's error first, we tried to make the terminal output the same as the expected output format. So we added "\n" on every cout in the code.

Test 2:

   Test 2 was the run to check all the bugs since we have concrete differences between the terminal output and the expected output. From this run, we detected only 4 test cases that failed.

- <u>create2</u>: *Test that input of account holder name is no more than 20 characters*
  + The code still create the account with 21 characters of full name
- <u>deposit6</u>: *Test that the deposited funds should not be available for use in the current session.*
  + The code still allow the deposited funds to be used in the same session
- <u>disable8</u>: *Test that no further transactions are accepted on a disabled account*
  + The disabled account still can be used after the deletion
- <u>transfer9</u>: *Test that if the amount to transfer is invalid (negative, non-numeric, etc) then an error is displayed*
  + The negative value is still registered

We fixed the four bugs after test 2. Which will proceed into the third test.

Test 3:

   Test 3 was to confirm if the four bugs are fixed and also to double check if the newest version did not break any of the previously working test cases. The resulted differences of the expected output and then terminal output are then made into diffTerminal.txt with its transaction file version called diffTransaction.txt. Although the diffTerminal.txt has lines in it, it's because it detects "spaces" at the end of the sentence. It's both the terminal output line that has space or the expected output has space at the end that caused it to be detected. But we double checked again and all of them did not have any significant difference like unequal line quantity. We assume the program has passed all the test cases.