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Source Listing of Daily & Weekly Scripts
The daily scripts are Day1.py, Day2.py, Day3.py, Day4.py and Day5.py for each of the 5 days and can be run in the command line with `python Day1.py` etc. We define a transaction session to begin when we type login and to end when we type logout. Meanwhile, the weekly script is in WeeklyTest.py and is a combined run of all the daily scripts.

Set of Transaction Session Inputs from Day 1
Session 1

```
t = threading.Thread(target=runJava, args=("frontend", validAcc, transSumDir+"TransSum1.txt",))
t.start()
time.sleep(1) # important for race conditions
pyautogui.write("login")
pyautogui.press("enter")
pyautogui.write("agent")
pyautogui.press("enter")
pyautogui.write("createacct")
pyautogui.press("enter")
pyautogui.write("1234567")
pyautogui.press("enter")
pyautogui.write("qwerty")
pyautogui.press("enter")
pyautogui.write("logout")
pyautogui.press("enter")
```

Session 2

```
t = threading.Thread(target=runJava, args=("frontend", validAcc, transSumDir+"TransSum2.txt",))
t.start()
time.sleep(1) # important for race conditions
pyautogui.write("login")
pyautogui.press("enter")
pyautogui.write("agent")
pyautogui.press("enter")
pyautogui.write("createacct")
pyautogui.press("enter")
pyautogui.write("1234568")
pyautogui.press("enter")
pyautogui.write("abcde")
pyautogui.press("enter")
pyautogui.write("logout")
pyautogui.press("enter")
```

Session 3

```
t = threading.Thread(target=runJava, args=("frontend", validAcc, transSumDir+"TransSum3.txt",))
t.start()
time.sleep(1) # important for race conditions
pyautogui.write("login")
pyautogui.press("enter")
pyautogui.write("agent")
pyautogui.press("enter")
pyautogui.write("createacct")
pyautogui.press("enter")
pyautogui.write("1234569")
pyautogui.press("enter")
pyautogui.write("uwxyz")
pyautogui.press("enter")
pyautogui.write("logout")
pyautogui.press("enter")
```

Merged Transaction Summary File from Day 1

The merged transaction summary file from day 1 shows the creation of 3 new accounts with 0 balance.

```
NEW 1234567 000 0000000 qwerty
EOS 0000000 000 0000000 ***
NEW 1234568 000 0000000 abcde
EOS 0000000 000 0000000 ***
NEW 1234569 000 0000000 uwxyz
EOS 0000000 000 0000000 ***
```

Master Accounts File after Daily Runs

Day	Master Accounts File

1 (account creation)	```1234569 000 uwxyz```
	```1234568 000 abcde```
	```1234567 000 qwerty```

2 (deposit)	```1234569 80008000 uwxyz```
	```1234568 2500 abcde```
	```1234567 1500 qwerty```

3 (transfer)	```1234569 79997000 uwxyz```
	```1234568 13500 abcde```
	```1234567 1500 qwerty```

| 4 (withdraw) | ```
1234569 000 uwxyz
1234568 000 abcde
1234567 000 qwerty
``` |
| --- | --- |
| 5 (account deletion) | < empty file> |

Integration Defect Report

Problem	What was the error	How we resolved the error
The output in the transaction summary file was 0 instead of 000 for deposits and transfers that were of amount 0.	The transaction file manager in the frontend did not perform string formatting for amounts less than 100.	The transaction file manager was modified to take this into account. For values less than 100, string formatting was performed. This allowed the formatting requirements to be met.
For transfer, there was confusion in which account the amount was being transferred out of and which account the amount was transferred into.	The message printed on the console prompting users to type in the account number to transfer to was misleading.	We modified the message printed on the console to make it clearer.