

Nolan Flatt

IFT 383

Lab 2

Part 1

Terminal commands:

```
Chmod 777 users.sh
```

```
./users.sh
```

```
diff -y whopre.log whopost.log
```

Script:

```
#!/bin/bash
```

```
echo "whopre.log created"
```

```
who > whopre.log
```

```
echo "Pausing for 60 seconds, please feel free to change the amount of seconds in  
the sleep command and/or the echo statement as well"
```

```
sleep 60
```

```
echo "whopost.log created"
```

```
who > whopost.log
```

```
echo "List of users logged in before 1 minute"
```

```
cat whopre.log
```

```
echo "List of users logged in after 1 minute"
```

```
cat whopost.log
```

```
echo "Comparing whopre.log and whopost.log to see which users are in 1st and  
2nd files"
```

```
echo "If no users are displayed, then this means no different users were found in  
whopre.log and/or whopost.log"
```

diff whopre.log whopost.log

echo "No users were found to be logged in since yesterday due to the commands
cat whopre.log and cat whopost.log being used"

Output:

(From users.sh)

whopre.log created

Pausing for 60 seconds, please feel free to change the amount of seconds in the
sleep command and/or the echo statement as well

whopost.log created

List of users logged in before 1 minute

pglenn1 pts/1 2019-02-03 18:54 (76.173.50.10)

arubic pts/4 2019-02-03 19:59 (72.221.20.234)

ocotaceb pts/6 2019-02-03 19:49 (68.3.4.43)

agobea pts/7 2019-02-03 19:09 (10.153.34.51)

ntalat pts/8 2019-02-03 17:23 (71.194.135.15)

nflatt pts/9 2019-02-03 19:01 (10.156.140.93)

lahern19 pts/10	2019-02-03 18:01 (184.176.115.122)
jfwoody pts/11	2019-02-03 17:53 (172.31.25.12)
cdchapm2 pts/12	2019-02-03 14:18 (66.87.69.17)
asunda23 pts/13	2019-02-03 19:56 (68.3.97.61)
kcnavar1 pts/14	2019-02-03 19:57 (172.88.131.93)
ohassan2 pts/15	2019-02-03 18:53 (10.153.40.215)
lshaffe2 pts/16	2019-02-03 19:56 (72.201.89.219)
ntalat pts/17	2019-02-03 17:26 (:pts/8:S.0)
cenez pts/18	2019-02-03 19:50 (73.222.238.81)
ddelance pts/19	2019-02-03 19:21 (98.159.25.66)
kmhanse8 pts/20	2019-02-03 18:04 (24.194.194.112)
asunda23 pts/21	2019-02-03 19:56
wdunham1 pts/22	2019-02-03 19:16 (47.208.88.49)
nzamba pts/23	2019-02-03 19:57 (72.223.71.111)

List of users logged in after 1 minute

pglenn1 pts/1	2019-02-03 18:54 (76.173.50.10)
arubic pts/4	2019-02-03 19:59 (72.221.20.234)
ocotaceb pts/6	2019-02-03 19:49 (68.3.4.43)
agobea pts/7	2019-02-03 19:09 (10.153.34.51)

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ddelance pts/19 2019-02-03 19:21 (98.159.25.66)
kmhanse8 pts/20 2019-02-03 18:04 (24.194.194.112)
nzamba pts/23 2019-02-03 19:57 (72.223.71.111)

Comparing whopre.log and whopost.log to see which users are in 1st and 2nd files

If no users are displayed, then this means no different users were found in

whopre.log and/or whopost.log

9,11d8

< cdchapm2 pts/12 2019-02-03 14:18 (66.87.69.17)
< asunda23 pts/13 2019-02-03 19:56 (68.3.97.61)
< kcnavar1 pts/14 2019-02-03 19:57 (172.88.131.93)

13d9

< lshaffe2 pts/16 2019-02-03 19:56 (72.201.89.219)

18,19d13

< asunda23 pts/21 2019-02-03 19:56

< wdunham1 pts/22 2019-02-03 19:16 (47.208.88.49)

No users were found to be logged in since yesterday due to the commands cat
whopre.log and cat whopost.log being used

(From diff -y whopre.log whopost.log)

```
nflatt@general1:~/ift383/lab2/pt1$ diff -y whopre.log whopost.log
pglenn1 pts/1      2019-02-03 18:54 (76.173.50.10)      pglenn1 pts/1      2019-02-03 18:54 (76.173.50.10)
arubic pts/4      2019-02-03 19:59 (72.221.20.234)      arubic pts/4      2019-02-03 19:59 (72.221.20.234)
ocotaceb pts/6     2019-02-03 19:49 (68.3.4.43)      ocotaceb pts/6     2019-02-03 19:49 (68.3.4.43)
agobea pts/7      2019-02-03 19:09 (10.153.34.51)      agobea pts/7      2019-02-03 19:09 (10.153.34.51)
ntalat pts/8      2019-02-03 17:23 (71.194.135.15)      ntalat pts/8      2019-02-03 17:23 (71.194.135.15)
nflatt pts/9      2019-02-03 19:01 (10.156.140.93)      nflatt pts/9      2019-02-03 19:01 (10.156.140.93)
lahern19 pts/10    2019-02-03 18:01 (184.176.115.122)      lahern19 pts/10    2019-02-03 18:01 (184.176.115.122)
jfwuody pts/11    2019-02-03 17:53 (172.31.25.12)      jfwuody pts/11    2019-02-03 17:53 (172.31.25.12)
cdchapm2 pts/12    2019-02-03 14:18 (66.87.69.17)      <
asunda23 pts/13    2019-02-03 19:56 (68.3.97.61)      <
kcnavar1 pts/14    2019-02-03 19:57 (172.88.131.93)      <
ohassan2 pts/15    2019-02-03 18:53 (10.153.40.215)      ohassan2 pts/15    2019-02-03 18:53 (10.153.40.215)
lshaffe2 pts/16    2019-02-03 19:56 (72.201.89.219)      <
ntalat pts/17    2019-02-03 17:26 (:pts/8:5.0)      ntalat pts/17    2019-02-03 17:26 (:pts/8:5.0)
cenez pts/18      2019-02-03 19:50 (73.222.238.81)      cenez pts/18      2019-02-03 19:50 (73.222.238.81)
ddelance pts/19    2019-02-03 19:21 (98.159.25.66)      ddelance pts/19    2019-02-03 19:21 (98.159.25.66)
kmhanse8 pts/20    2019-02-03 18:04 (24.194.194.112)      kmhanse8 pts/20    2019-02-03 18:04 (24.194.194.112)
asunda23 pts/21    2019-02-03 19:56      <
wdunham1 pts/22    2019-02-03 19:16 (47.208.88.49)      <
nzamba pts/23      2019-02-03 19:57 (72.223.71.111)      nzamba pts/23      2019-02-03 19:57 (72.223.71.111)
```

The users cdchapm2, asunda23 (two occurrences), kcnavar1, lshaffe2, and
wdunham1 logged out once or more after one minute.

Part 2

Terminal Commands:

Chmod 777 teledir.sh

./teledir.sh

Nano teledir.txt

****Teledir.txt was created prior to teledir.sh being created****

Teledir.txt had the value Burney: 888-234-8754 manually added

Script:

```
#!/bin/bash
```

```
read -p "Please Enter a Name: " NAME
```

```
if cat teledir.txt | grep -q "^$NAME";
```

```
then
```

```
echo "Entry exists"; echo "$NAME" | cut -d " " -f2 teledir.txt | grep ${NAME}
```

```
else
```

```
echo -n "${NAME}" >> teledir.txt; echo "User was Added"
```

```
fi
```

Output:

```
./teledir.sh
```

Please Enter a Name: Katie

User was Added

```
cat teledir.txt
```

Burney: 888-234-8754

Katie