

//M Gayathri-185001050

// Tutorial-5

1. Launch a terminal.

```
cs1050@ssn6:~$ cd Desktop
```

2. Use the who command and redirect the result to a file called file1. Use the more command to see the contents of file1.

```
cs1050@ssn6:~/Desktop$ who>file1
cs1050@ssn6:~/Desktop$ more file1
cs1050  tty7      2019-08-07 01:52 (:0)
```

3. Use the date and who commands in sequence (in one line) so that the output of date will display on the screen and the output of who will be redirected to a file called file2. Use the more command to check the contents of file2. It should be the same as file1 unless someone logged in or logged off between the who commands.

```
cs1050@ssn6:~/Desktop$ date;who>file2
Wed Aug  7 02:07:16 UTC 2019
cs1050@ssn6:~/Desktop$ more file2
cs1050  tty7      2019-08-07 01:52 (:0)
```

4. Use your command-line editor to recall the line you typed in step 3. Edit the line so that the output of both commands (date and who) are redirected to a file called file3. Use the more command to display the result.

```
cs1050@ssn6:~/Desktop$ (date;who)>file3
cs1050@ssn6:~/Desktop$ more file3
Wed Aug  7 02:09:14 UTC 2019
cs1050  tty7      2019-08-07 01:52 (:0)
```

5. Use the command-line editor to recall the line typed in step 3. Edit the line so that the output of the first command (date) is redirected to a file called file4, while the result of the who command displays on the monitor without changing the relative positions of the date and who commands. Use the more command to verify the result.

```
cs1050@ssn6:~/Desktop$ date>file4;who
cs1050  tty7      2019-08-07 01:52 (:0)
cs1050@ssn6:~/Desktop$ more file4
Wed Aug  7 02:10:20 UTC 2019
```

6. Make a duplicate of file3 and call it file3.bak

```
cs1050@ssn6:~/Desktop$ cp file3 file3.bak
cs1050@ssn6:~/Desktop$ more file3.bak
Wed Aug  7 02:09:14 UTC 2019
cs1050  tty7      2019-08-07 01:52 (:0)
```

7. Use the command-line editor to recall the line created at step 5. Edit the line so that the word “date” will be misspelled as “bate”. Execute the edited command and append the result to file3.

```
cs1050@ssn6:~/Desktop$ (bate>file4;who)>>file3
No command 'bate' found, did you mean:
Command 'bat' from package 'bareos-bat' (universe)
Command 'bat' from package 'bacula-console-qt' (universe)
```

Command 'bats' from package 'bats' (universe)
Command 'late' from package 'late' (universe)
Command 'yate' from package 'yate' (universe)
Command 'kate' from package 'kate' (universe)
Command 'date' from package 'coreutils' (main)

bate: command not found

cs1050@ssn6:~/Desktop\$ more file3

Wed Aug 7 02:14:42 UTC 2019

cs1050 tty7 2019-08-07 01:52 (:0)

cs1050 tty7 2019-08-07 01:52 (:0)

8. Using command-line editing, recall the line created in step 7. Edit it so that the output goes to file4 and errors go to file5.

cs1050@ssn6:~/Desktop\$ (bate>file4;who)1>file4 2>file5

cs1050@ssn6:~/Desktop\$ more file4

cs1050 tty7 2019-08-07 01:52 (:0)

cs1050@ssn6:~/Desktop\$ more file5

No command 'bate' found, did you mean:

Command 'date' from package 'coreutils' (main)

Command 'bats' from package 'bats' (universe)

Command 'yate' from package 'yate' (universe)

Command 'bat' from package 'bareos-bat' (universe)

Command 'bat' from package 'bacula-console-qt' (universe)

Command 'kate' from package 'kate' (universe)

Command 'late' from package 'late' (universe)

bate: command not found

9. Create a long list of the current directory and send the output to both the monitor and the file1

cs1050@ssn6:~/Desktop\$ ls -l | tee file1

total 56

drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:20 dept

-rw-rw-r-- 1 cs1050 cs1050 44 Aug 7 2019 file1

-rw-rw-r-- 1 cs1050 cs1050 44 Aug 7 2019 file2

-rw-rw-r-- 1 cs1050 cs1050 117 Aug 7 2019 file3

-rw-rw-r-- 1 cs1050 cs1050 73 Aug 7 2019 file3.bak

-rw-rw-r-- 1 cs1050 cs1050 44 Aug 7 2019 file4

-rw-rw-r-- 1 cs1050 cs1050 410 Aug 7 2019 file5

-rwxrw-rw- 1 cs1050 cs1050 24 Aug 5 09:32 sample.txt

drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:27 ssn

drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:34 ssn1

drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:35 ssn2

drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:36 ssn3

-rw-rw-r-- 1 cs1050 cs1050 819 Aug 7 2019 t5

drwxrw-rw- 4 cs1050 cs1050 4096 Aug 5 09:45 unix

cs1050@ssn6:~/Desktop\$ more file1

total 56

drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:20 dept

-rw-rw-r-- 1 cs1050 cs1050 44 Aug 7 2019 file1

-rw-rw-r-- 1 cs1050 cs1050 44 Aug 7 2019 file2

-rw-rw-r-- 1 cs1050 cs1050 117 Aug 7 2019 file3

-rw-rw-r-- 1 cs1050 cs1050 73 Aug 7 2019 file3.bak

-rw-rw-r-- 1 cs1050 cs1050 44 Aug 7 2019 file4

```
-rw-rw-r-- 1 cs1050 cs1050 410 Aug 7 2019 file5
-rwxrw-rw- 1 cs1050 cs1050 24 Aug 5 09:32 sample.txt
drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:27 ssn
drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:34 ssn1
drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:35 ssn2
drwxrw-rw- 2 cs1050 cs1050 4096 Aug 5 09:36 ssn3
-rw-rw-r-- 1 cs1050 cs1050 819 Aug 7 2019 t5
drwxrw-rw- 4 cs1050 cs1050 4096 Aug 5 09:45 unix
```

10. Quit the terminal.

```
cs1050@ssn6:~/Desktop$ exit
```