//S Harshini-185001058
// Tutorial-5
1. Launch a terminal.

cs1058@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.

cs1058@ssn6:~/Desktop$ who>file1
cs1058@ssn6:~/Desktop$ more file1
cs1058   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.

cs1058@ssn6:~/Desktop$ date;who>file2
Wed Aug 7 02:07:16 UTC 2019
cs1058@ssn6:~/Desktop$ more file2
cs1058   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.

cs1058@ssn6:~/Desktop$ (date;who)>file3
cs1058@ssn6:~/Desktop$ more file3
Wed Aug 7 02:09:14 UTC 2019
cs1058   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.

cs1058@ssn6:~/Desktop$ date>file4;who
cs1058   tty7   2019-08-07 01:52 (:0)
cs1058@ssn6:~/Desktop$ more file4
Wed Aug 7 02:10:20 UTC 2019

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

cs1058@ssn6:~/Desktop$ cp file3 file3.bak
cs1058@ssn6:~/Desktop$ more file3.bak
Wed Aug 7 02:09:14 UTC 2019
cs1058   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.

cs1058@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
cs1058@ssn6:~/Desktop$ more file3
Wed Aug 7 02:14:42 UTC 2019
cs1058   tty7   2019-08-07 01:52 (:0)
cs1058   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.

cs1058@ssn6:~/Desktop$ (bate>file4;who)1>file4 2>file5
cs1058@ssn6:~/Desktop$ more file4
cs1058   tty7   2019-08-07 01:52 (:0)
cs1058@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

```
cs1058@ssn6:~/Desktop$ ls -l | tee file1
total 56
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:20 dept
-rw-rw-r-- 1 cs1058 cs1058   44 Aug  7  2019 file1
-rw-rw-r-- 1 cs1058 cs1058   44 Aug  7  2019 file2
-rw-rw-r-- 1 cs1058 cs1058  117 Aug  7  2019 file3
-rw-rw-r-- 1 cs1058 cs1058   73 Aug  7  2019 file3.bak
-rw-rw-r-- 1 cs1058 cs1058   44 Aug  7  2019 file4
-rw-rw-r-- 1 cs1058 cs1058  410 Aug  7  2019 file5
-rwxrw-rw- 1 cs1058 cs1058   24 Aug  5 09:32 sample.txt
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:27 ssn
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:34 ssn1
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:35 ssn2
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:36 ssn3
-rw-rw-r-- 1 cs1058 cs1058  819 Aug  7  2019 t5
drwxrw-rw- 4 cs1058 cs1058 4096 Aug  5 09:45 unix
cs1058@ssn6:~/Desktop$ more file1
total 56
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:20 dept
-rw-rw-r-- 1 cs1058 cs1058   44 Aug  7  2019 file1
-rw-rw-r-- 1 cs1058 cs1058   44 Aug  7  2019 file2
-rw-rw-r-- 1 cs1058 cs1058  117 Aug  7  2019 file3
-rw-rw-r-- 1 cs1058 cs1058   73 Aug  7  2019 file3.bak
-rw-rw-r-- 1 cs1058 cs1058   44 Aug  7  2019 file4
-rw-rw-r-- 1 cs1058 cs1058  410 Aug  7  2019 file5
-rwxrw-rw- 1 cs1058 cs1058   24 Aug  5 09:32 sample.txt
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:27 ssn
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:34 ssn1
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:35 ssn2
drwxrw-rw- 2 cs1058 cs1058 4096 Aug  5 09:36 ssn3
-rw-rw-r-- 1 cs1058 cs1058  819 Aug  7  2019 t5
drwxrw-rw- 4 cs1058 cs1058 4096 Aug  5 09:45 unix
```

10. Quit the terminal.

```
cs1058@ssn6:~/Desktop$ exit
```