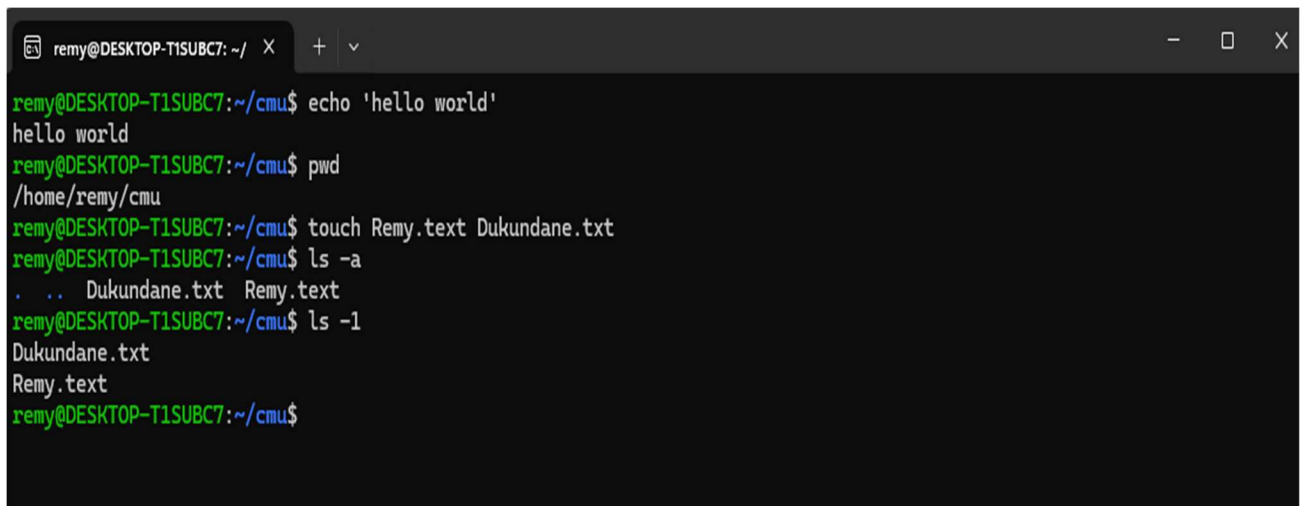


Assignment 1: Getting started with the shell

1. A single command that prints "hello world" on the terminal.
>> echo "hello world"
2. A command that prints the current working directory of your terminal.
>> pwd
3. A command that creates two empty files (with my firstname and lastname respectively + .txt)
>> touch Remy.txt Dukundane.txt
4. A command that shows all files in the current directory
>> ls -a
5. A command that lists names of all the files in the current directory, one file per line.
>> ls -l



```
remy@DESKTOP-T1SUBC7: ~/cmu$ echo 'hello world'
hello world
remy@DESKTOP-T1SUBC7: ~/cmu$ pwd
/home/remy/cmu
remy@DESKTOP-T1SUBC7: ~/cmu$ touch Remy.txt Dukundane.txt
remy@DESKTOP-T1SUBC7: ~/cmu$ ls -a
.  ..  Dukundane.txt  Remy.txt
remy@DESKTOP-T1SUBC7: ~/cmu$ ls -l
Dukundane.txt
Remy.txt
remy@DESKTOP-T1SUBC7: ~/cmu$
```

After running the following command to create a file called "challenge.log":

```
rm -rf challenge.log; for i in {1..30}; do echo "$i $(head -c 60 /dev/urandom | LC_ALL=C tr -dc A-Za-z0-9)" >> challenge.log; done;
```

6. Printing the last 5 lines of "challenge.log".
>> tail -n 5 challenge.log
7. Creating a directory named "tmp/files" in the current working directory.
(the command creates the parent directory "tmp" if it doesn't exist)
>> mkdir -p tmp/files

8. Copying the file "challenge.log" to the directory "tmp/files".
>>> cp challenge.log tmp/files
9. Deleting the "challenge.log" file (the one in the "tmp/files" directory).
>>> rm tmp/files/challenge.log
10. Moving the file "challenge.log" to the directory "tmp/files"
>>> mv challenge.log tmp/files

```
remy@DESKTOP-T1SUBC7: ~/ X + v
remy@DESKTOP-T1SUBC7:~/cmu$ echo 'hello world'
hello world
remy@DESKTOP-T1SUBC7:~/cmu$ pwd
/home/remy/cmu
remy@DESKTOP-T1SUBC7:~/cmu$ touch Remy.text Dukundane.txt
remy@DESKTOP-T1SUBC7:~/cmu$ ls -a
. . . Dukundane.txt Remy.text
remy@DESKTOP-T1SUBC7:~/cmu$ ls -l
Dukundane.txt
Remy.text
remy@DESKTOP-T1SUBC7:~/cmu$ rm -rf challenge.log; for i in {1..30}; do echo "$i $(head -c 60 /dev/urandom | LC_ALL=C tr -dc A-Za-z0-9)" >> challenge.log; done;
remy@DESKTOP-T1SUBC7:~/cmu$ ls -a
. . . Dukundane.txt Remy.text challenge.log
remy@DESKTOP-T1SUBC7:~/cmu$ tail -n 5 challenge.log
26 JbxEWf5WQJveh
27 SofB5fIs403R
28 tFb6nM28Ze2pE
29 wNE0alhXXxOpFi00I
30 XB1N51fwbZ9bsjnLvK8H
remy@DESKTOP-T1SUBC7:~/cmu$ mkdir -p tmp/files
remy@DESKTOP-T1SUBC7:~/cmu$ cp challenge.log tmp/files
remy@DESKTOP-T1SUBC7:~/cmu$ rm tmp/files/challenge.log
remy@DESKTOP-T1SUBC7:~/cmu$ mv challenge.log tmp/files
remy@DESKTOP-T1SUBC7:~/cmu$
```