Assignment for Linux skills
Format:Lab Session
Time:90 mins
Instruction:
1.Complete the assignment and upload to git repo

1.Create a new directory called "practice" in your home directory.

```
mkdir practice
```

2. Inside the "practice" directory, create a new file called "file1.txt" and add some text to it.

```
cd practice
```

```
touch file1.txt
```

```
echo "some text" > file1.txt
```

3. Copy "file1.txt" to a new file called "file2.txt" in the same directory.

```
cp file1.txt file2.txt
```

4. Move "file2.txt" to a new directory called "backup" that is located inside the "practice" directory.

```
mkdir backup
mv file2.txt backup/
```

5. Create a new directory called "scripts" inside the "practice" directory.

```
cd practice
mkdir scripts
```

6. Create a new file called "myscript.sh" inside the "scripts" directory.

```
cd scripts
touch myscript.sh
```

7. Add the following code to "myscript.sh":

```
#!/bin/bash
nano myscript.sh
```

8. echo "Hello World!"

```
echo "Hello World!"
```

9. Make "myscript.sh" executable using the command "chmod +x myscript.sh".

```
chmod +x myscript.sh
```

10. Run "myscript.sh" using the command "./myscript.sh".
./myscript.sh

11. Add a line to "myscript.sh" that creates a new file called "output.txt" in the same directory and writes the output of the "echo" command to it.
echo "Hello World!" > output.txt

12. Run "myscript.sh" again and verify that "output.txt" has been created and contains the expected output.
./myscript.sh
cat output.txt

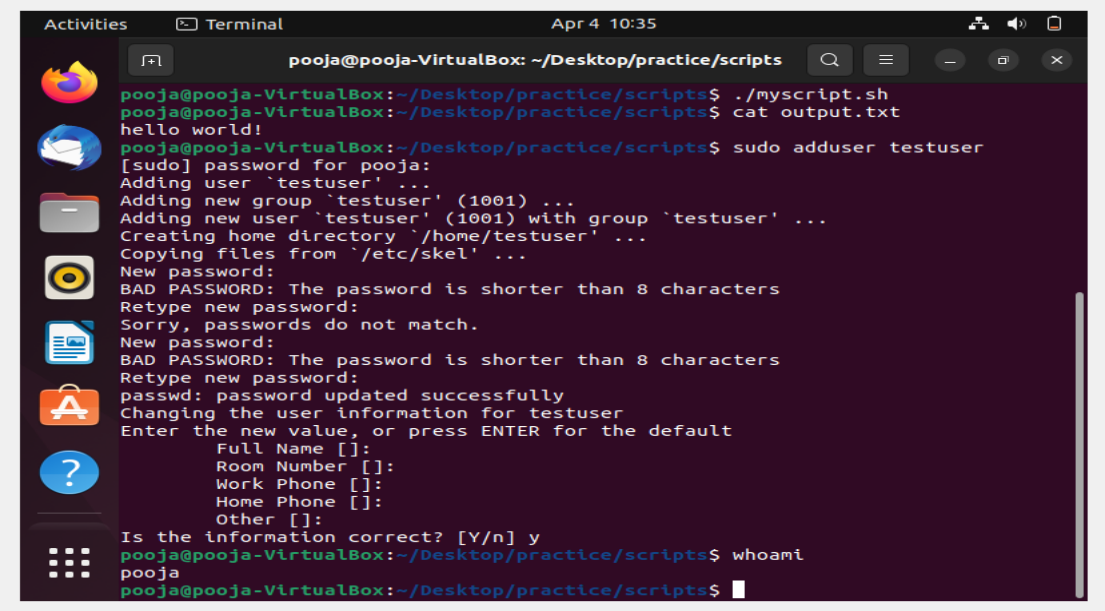
13. Create a new user account called "testuser".
sudo adduser testuser

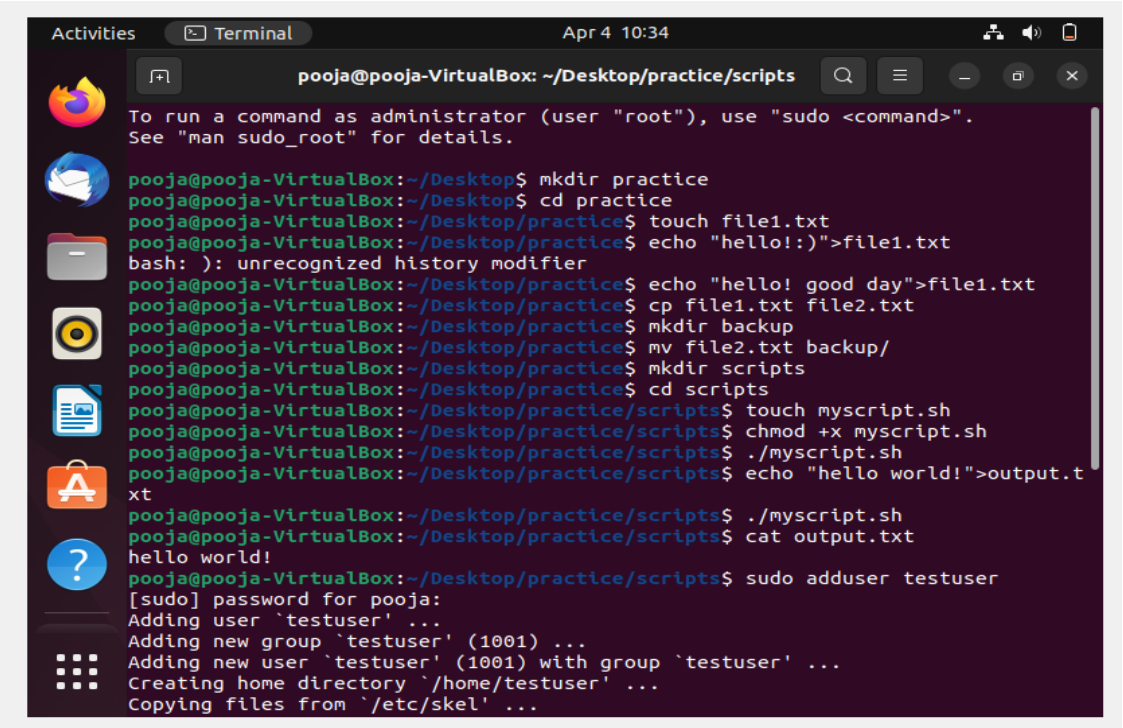
14. Switch to the "test user" account using the command "su testuser".
su testuser

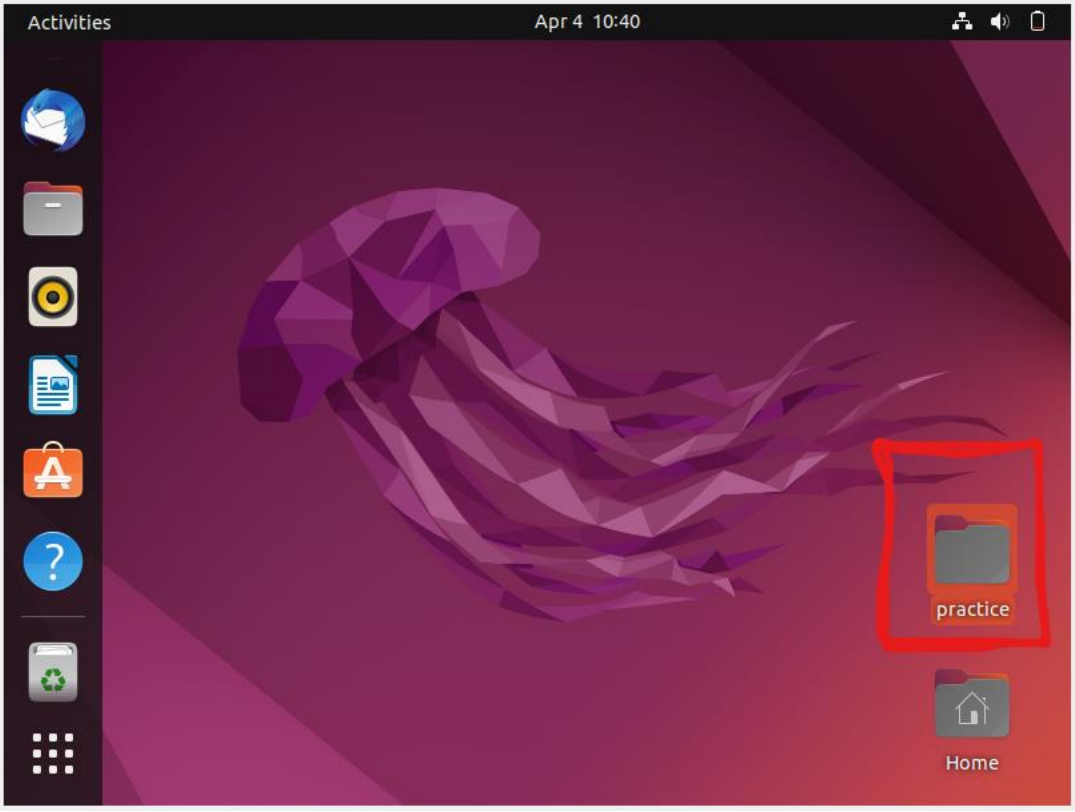
15. Verify that you are now logged in as "testuser" using the command "whoami".
Whoami

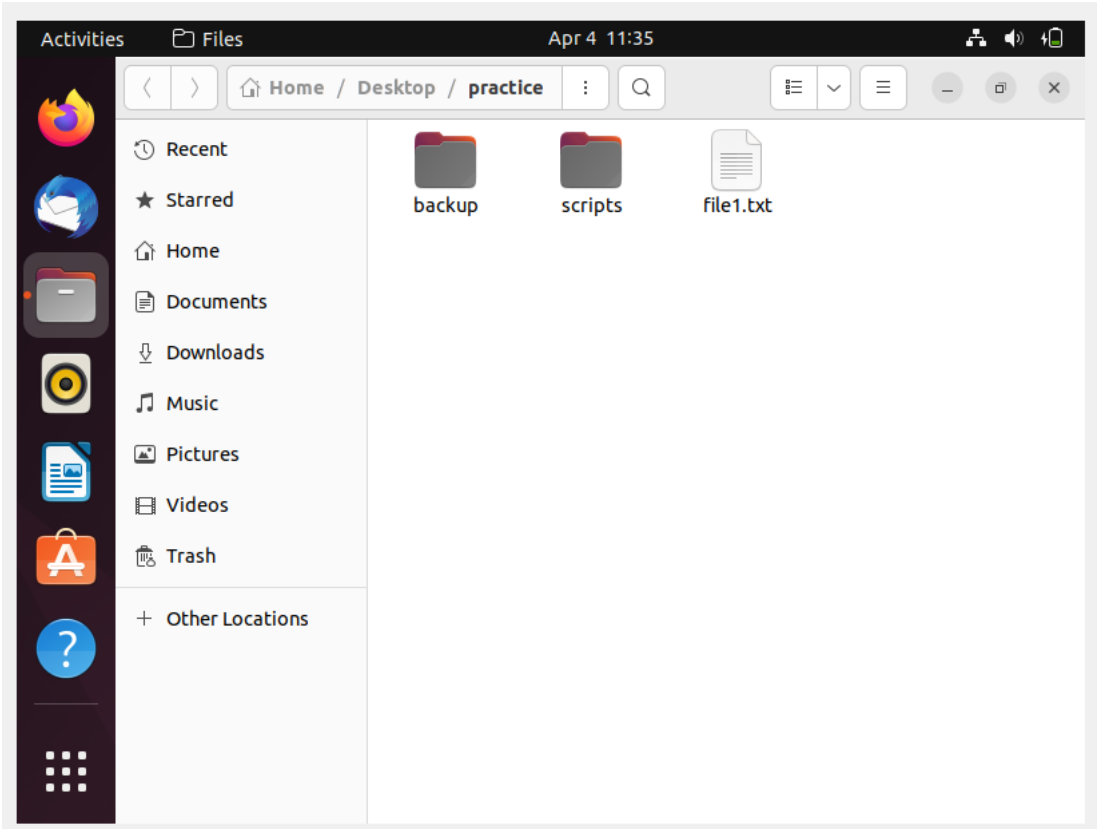
16. Switch back to your original user account using the command "exit".

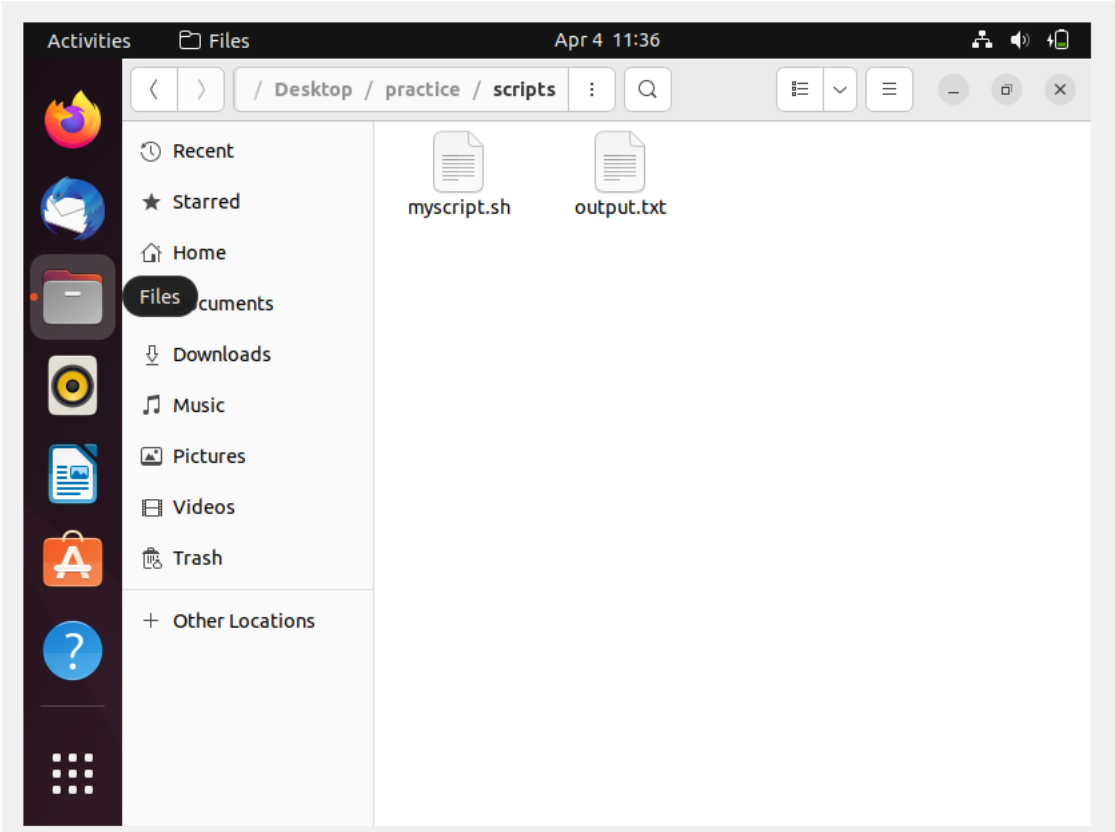
Exit

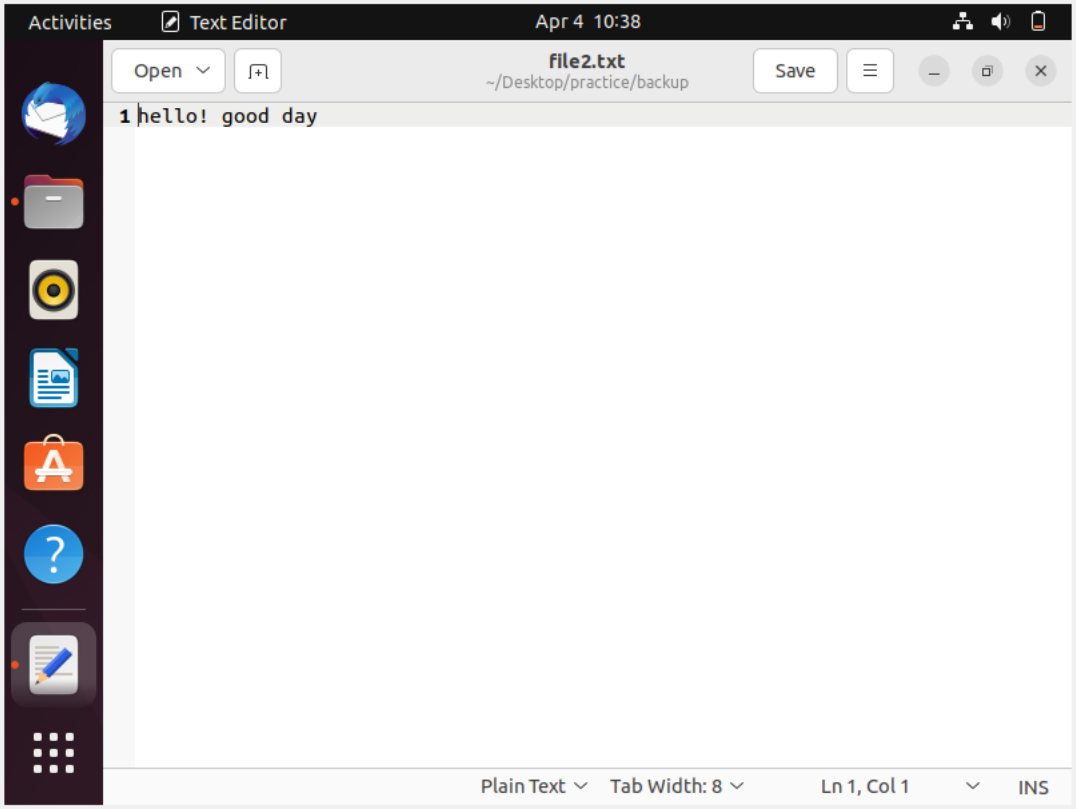


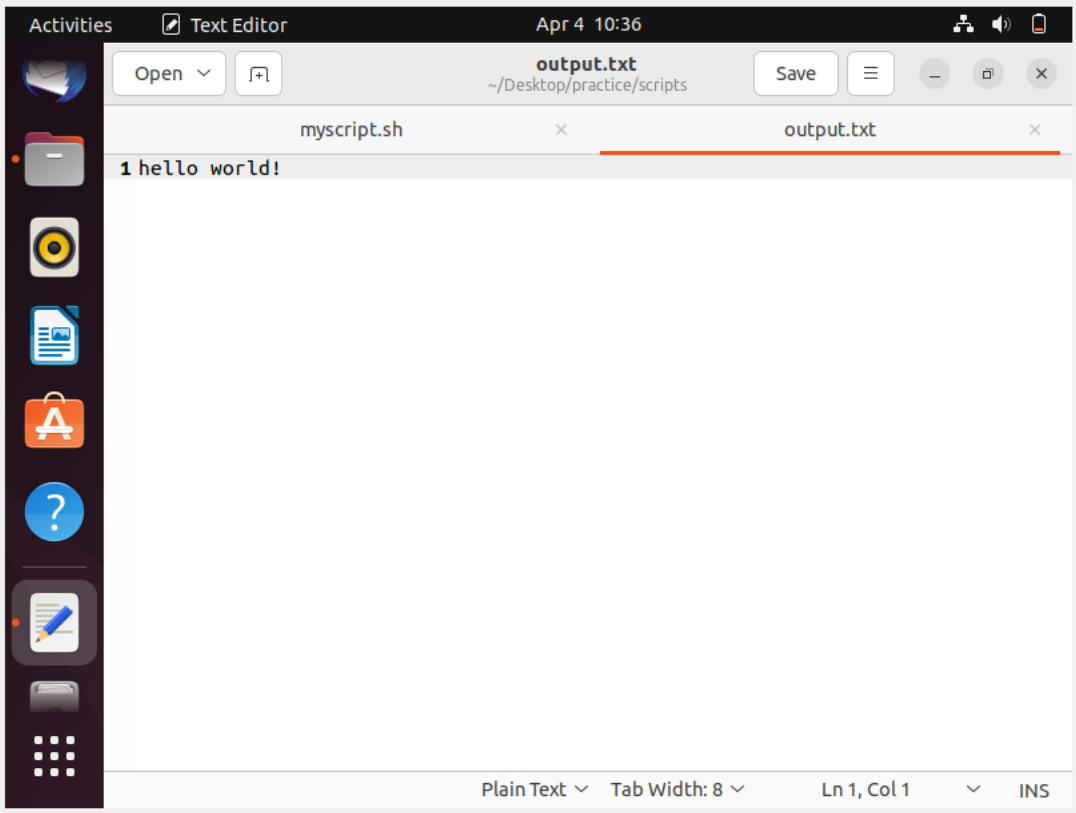

Activities
Terminal
Apr 4 10:34
pooja@pooja-VirtualBox: ~/Desktop/practice/scripts
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
pooja@pooja-VirtualBox:~/Desktop$ mkdir practice
pooja@pooja-VirtualBox:~/Desktop$ cd practice
pooja@pooja-VirtualBox:~/Desktop/practice$ touch file1.txt
pooja@pooja-VirtualBox:~/Desktop/practice$ echo "hello!:)">file1.txt
bash:): unrecognized history modifier
pooja@pooja-VirtualBox:~/Desktop/practice$ echo "hello! good day">file1.txt
pooja@pooja-VirtualBox:~/Desktop/practice$ cp file1.txt file2.txt
pooja@pooja-VirtualBox:~/Desktop/practice$ mkdir backup
pooja@pooja-VirtualBox:~/Desktop/practice$ mv file2.txt backup/
pooja@pooja-VirtualBox:~/Desktop/practice$ mkdir scripts
pooja@pooja-VirtualBox:~/Desktop/practice$ cd scripts
pooja@pooja-VirtualBox:~/Desktop/practice/scripts$ touch myscript.sh
pooja@pooja-VirtualBox:~/Desktop/practice/scripts$ chmod +x myscript.sh
pooja@pooja-VirtualBox:~/Desktop/practice/scripts$ ./myscript.sh
pooja@pooja-VirtualBox:~/Desktop/practice/scripts$ echo "hello world!">output.t
xt
pooja@pooja-VirtualBox:~/Desktop/practice/scripts$ ./myscript.sh
pooja@pooja-VirtualBox:~/Desktop/practice/scripts$ cat output.txt
hello world!
pooja@pooja-VirtualBox:~/Desktop/practice/scripts$ sudo adduser testuser
[sudo] password for pooja:
Adding user `testuser' ...
Adding new group `testuser' (1001) ...
Adding new user `testuser' (1001) with group `testuser' ...
Creating home directory `/home/testuser' ...
Copying files from `/etc/skel' ...


Activities
Apr 4 10:40
practice
Home


Activities
Files
Apr 4 11:35
Home / Desktop / practice
Recent
Starred
Home
Documents
Downloads
Music
Pictures
Videos
Trash
Other Locations
backup
scripts
file1.txt


Activities
Files
Apr 4 11:36
/ Desktop / practice / scripts
Recent
Starred
Home
Files
cuments
Downloads
Music
Pictures
Videos
Trash
Other Locations
myscript.sh
output.txt


Activities
Text Editor
Apr 4 10:38
Open
file2.txt
~/Desktop/practice/backup
Save
1 hello! good day
Plain Text
Tab Width: 8
Ln 1, Col 1
INS


Activities
Text Editor
Apr 4 10:36
Open
output.txt
~/Desktop/practice/scripts
Save
myscript.sh
output.txt
1 hello world!
Plain Text
Tab Width: 8
Ln 1, Col 1
INS