

LINUX COMMANDS:

1. Create a new directory called "practice" in your home directory.
2. Inside the "practice" directory, create a new file called "file1.txt" and add some text to it.
3. Copy "file1.txt" to a new file called "file2.txt" in the same directory.
4. Move "file2.txt" to a new directory called "backup" that is located inside the "practice" directory.
5. Create a new directory called "scripts" inside the "practice" directory.
6. Create a new file called "myscript.sh" inside the "scripts" directory.
7. Add the following code to "myscript.sh":
 - a. `#!/bin/bash`
8. `echo "Hello World!"`
9. Make "myscript.sh" executable using the command `chmod +x myscript.sh`.
10. Run "myscript.sh" using the command `./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.
12. Run "myscript.sh" again and verify that "output.txt" has been created and contains the expected output.
13. Create a new user account called "testuser".
14. Switch to the "test user" account using the command `su testuser`.
15. Verify that you are now logged in as "testuser" using the command `whoami`.
16. Switch back to your original user account using the command `exit`.

OUTPUTS:

```
ankitha@ankitha-VirtualBox: ~/Practice
ankitha@ankitha-VirtualBox:~$ cp new new1
cp: cannot stat 'new': No such file or directory
ankitha@ankitha-VirtualBox:~$ cd Practice
ankitha@ankitha-VirtualBox:~/Practice$ cp new new1
ankitha@ankitha-VirtualBox:~/Practice$ more new1
Hello World! Welcome to TecnoTree
ankitha@ankitha-VirtualBox:~/Practice$ mkdir backup
ankitha@ankitha-VirtualBox:~/Practice$ move new1 backup
Command 'move' not found, did you mean:
  command 'movx' from snap movx (2.0.1)
  command 'love' from snap love (11.2+pkg-d332)
  command 'mote' from snap mote (2.0.5)
  command 'mmove' from deb mtools (4.0.33-1+really4.0.32-1build1)
  command 'jove' from deb jove (4.17.3.6-2)
  command 'lmove' from deb suck (4.3.4-1build1)
  command 'love' from deb love (11.3-1)
  command 'more' from deb util-linux (2.37.2-4ubuntu3)
See 'snap info <snapname>' for additional versions.
ankitha@ankitha-VirtualBox:~/Practice$ cp new1 backup
ankitha@ankitha-VirtualBox:~/Practice$ cd backup
ankitha@ankitha-VirtualBox:~/Practice/backup$ ls
new1
ankitha@ankitha-VirtualBox:~/Practice/backup$ cd ./
ankitha@ankitha-VirtualBox:~/Practice/backup$ cd ../
```

```
ankitha@ankitha-VirtualBox: ~/Practice
ankitha@ankitha-VirtualBox:~/Practice$ ls
backup  new  new1
ankitha@ankitha-VirtualBox:~/Practice$ mkdir scripts
ankitha@ankitha-VirtualBox:~/Practice$ cat > myscript.sh
#!/bin/bash
ankitha@ankitha-VirtualBox:~/Practice$ more myscript
more: cannot open myscript: No such file or directory
ankitha@ankitha-VirtualBox:~/Practice$ echo "Hello World!"
Hello World!
ankitha@ankitha-VirtualBox:~/Practice$ chmod +x myscript.sh
ankitha@ankitha-VirtualBox:~/Practice$ ./myscript.sh
ankitha@ankitha-VirtualBox:~/Practice$ ../myscript.sh
bash: ../myscript.sh: No such file or directory
ankitha@ankitha-VirtualBox:~/Practice$ ./myscript.sh
ankitha@ankitha-VirtualBox:~/Practice$ ./myscript.sh
```

```
ankitha@ankitha-VirtualBox: ~/Practice
[ankitha@ankitha-VirtualBox:~/Practice]$ sudo adduser testuser
[sudo] password for ankitha:
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' ...
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
Sorry, passwords do not match.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for testuser
Enter the new value, or press ENTER for the default
    Full Name []: TestUser
    Room Number []: 1
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
ankitha@ankitha-VirtualBox:~/Practice$ su testuser
Password:
```

```
ankitha@ankitha-VirtualBox: ~/Practice
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
Sorry, passwords do not match.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for testuser
Enter the new value, or press ENTER for the default
    Full Name []: TestUser
    Room Number []: 1
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
ankitha@ankitha-VirtualBox:~/Practice$ su testuser
Password:
testuser@ankitha-VirtualBox:/home/ankitha/Practice$ whoami
testuser
testuser@ankitha-VirtualBox:/home/ankitha/Practice$ su Ankitha
su: user Ankitha does not exist or the user entry does not contain all the requi
red fields
testuser@ankitha-VirtualBox:/home/ankitha/Practice$ su ankitha
Password:
ankitha@ankitha-VirtualBox:~/Practice$
```