

UBNTU ASSIGNMENT-01

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

```
Activities Terminal Apr 4 14:48
root@UBUNTU: /home/manasvi

manasvi@UBUNTU:~$ mkdir practice
manasvi@UBUNTU:~$ cd practice
manasvi@UBUNTU:~/practice$ touch file1.txt
manasvi@UBUNTU:~/practice$ cat > file1.txt
hello
^C
manasvi@UBUNTU:~/practice$ cat file1.txt
hello
manasvi@UBUNTU:~/practice$ cp file1.txt file2.txt
manasvi@UBUNTU:~/practice$ mkdir backup
manasvi@UBUNTU:~/practice$ mv file2.txt backup
manasvi@UBUNTU:~/practice$ mkdir scripts
manasvi@UBUNTU:~/practice$ touch myscript.sh
manasvi@UBUNTU:~/practice$ rm myscript.sh
manasvi@UBUNTU:~/practice$ cd scripts
manasvi@UBUNTU:~/practice/scripts$ touch myscript.sh
manasvi@UBUNTU:~/practice/scripts$ cat > myscript.sh
#!/bin/bash
manasvi@UBUNTU:~/practice/scripts$ echo "hello world"
hello world
manasvi@UBUNTU:~/practice/scripts$ chmod +x myscript.sh
manasvi@UBUNTU:~/practice/scripts$ ./myscript.sh
manasvi@UBUNTU:~/practice/scripts$ cat myscript.sh
#!/bin/bash
manasvi@UBUNTU:~/practice/scripts$ cat>myscript.sh
echo "hello world"> output.txt
manasvi@UBUNTU:~/practice/scripts$ ./myscript.sh
manasvi@UBUNTU:~/practice/scripts$ cat output.txt
hello world
```

```
Activities Terminal Apr 4 14:51
root@UBUNTU: /home/manasvi

manasvi@UBUNTU:~/practice/scripts$ echo "hello world"
hello world
manasvi@UBUNTU:~/practice/scripts$ chmod +x myscript.sh
manasvi@UBUNTU:~/practice/scripts$ ./myscript.sh
manasvi@UBUNTU:~/practice/scripts$ cat myscript.sh
#!/bin/bash
manasvi@UBUNTU:~/practice/scripts$ cat>myscript.sh
echo "hello world"> output.txt
manasvi@UBUNTU:~/practice/scripts$ ./myscript.sh
manasvi@UBUNTU:~/practice/scripts$ cat output.txt
hello world
manasvi@UBUNTU:~/practice/scripts$ sudo adduser testuser
[sudo] password for manasvi:
manasvi is not in the sudoers file. This incident will be reported.
manasvi@UBUNTU:~/practice/scripts$ ^C
manasvi@UBUNTU:~/practice/scripts$ sudo su
Help password for manasvi:
manasvi is not in the sudoers file. This incident will be reported.
manasvi@UBUNTU:~/practice/scripts$ ^C
manasvi@UBUNTU:~/practice/scripts$ ^C
manasvi@UBUNTU:~/practice/scripts$ ^C
manasvi@UBUNTU:~/practice/scripts$ sudo su
[sudo] password for manasvi:
manasvi is not in the sudoers file. This incident will be reported.
manasvi@UBUNTU:~/practice/scripts$ visudo
visudo: /etc/sudoers: Permission denied
manasvi@UBUNTU:~/practice/scripts$ sudo su
[sudo] password for manasvi:
manasvi is not in the sudoers file. This incident will be reported.
```

```
Activities Terminal Apr 4 14:52
root@UBUNTU: /home/manasvi

manasvi@UBUNTU:~$ su root
Password:
root@UBUNTU:/home/manasvi# su adduser newuser
su: user adduser does not exist or the user entry does not contain all the required fields
root@UBUNTU:/home/manasvi# sudo adduser newuser
Adding user `newuser' ...
Adding new group `newuser' (1001) ...
Adding new user `newuser' (1001) with group `newuser' ...
Creating home directory `/home/newuser' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
Sorry, passwords do not match.
Help password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
passwd: password updated successfully
Changing the user information for newuser
Enter the new value, or press ENTER for the default
Full Name []: New user
```

```
Activities Terminal Apr 4 14:52
root@UBUNTU: /home/manasvi

New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
passwd: password updated successfully
Changing the user information for newuser
Enter the new value, or press ENTER for the default
Full Name []: New user
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [Y/n] y
root@UBUNTU:/home/manasvi# su newuser
newuser@UBUNTU:/home/manasvi$ whoami
newuser
newuser@UBUNTU:/home/manasvi$ exit
exit
root@UBUNTU:/home/manasvi#
```