1. Create a directory

```
ankitshukla@lt-ankits:~$ mkdir new_dir ankitshukla@lt-ankits:~$
```

2. Switch to this directory

```
ankitshukla@lt-ankits:~/new_dir

ankitshukla@lt-ankits:~$ mkdir new_dir
ankitshukla@lt-ankits:~$ cd new_dir
ankitshukla@lt-ankits:~/new_dir$

ankitshukla@lt-ankits:~/new_dir$
```

3. Create a normal text file

```
ankitshukla@lt-ankits:-\footnote{\text{mkdir new_dir}}
ankitshukla@lt-ankits:-\footnote{\text{shukla@lt-ankits:-\footnote{\text{new_dir}}}}
ankitshukla@lt-ankits:-\footnote{\text{new_dir}}\text{shukla@lt-ankits:-\footnote{\text{new_dir}}}
ankitshukla@lt-ankits:-\footnote{\text{new_dir}}\text{shukla@lt-ankits:-\footnote{\text{new_dir}}}
```

4. Create a hidden text file

```
ankitshukla@lt-ankits:-\footnote{\textit{mkdenthis}} ankitshukla@lt-ankits:-\footnote{\textit{mkdenthis}} mkdir new_dir ankitshukla@lt-ankits:-\footnote{\textit{new_dir}} touch file.txt ankitshukla@lt-ankits:-\footnote{\textit{new_dir}} touch .hiddenFile.txt ankitshukla@lt-ankits:-\footnote{\textit{new_dir}} mkdir\footnote{\textit{shukla@lt-ankits}}
```

5. Modify the access of the hidden text file so that it can be edited only by root user.

```
ankitshukla@lt-ankits:~/new_dir
ankitshukla@lt-ankits:~/new_dir$ chmod 700 .hiddenFile.txt
ankitshukla@lt-ankits:~/new_dir$

...
```

6. Move the hidden file to a your desktop.

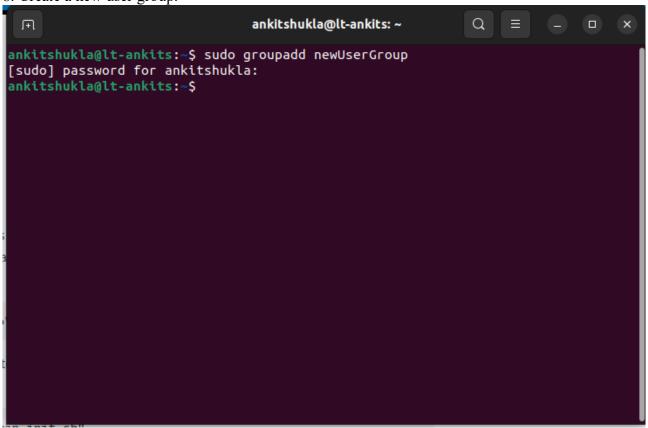
```
ankitshukla@lt-ankits:~/new_dir Q = - - ×

ankitshukla@lt-ankits:~/new_dir$ touch .hiddenFile.txt
ankitshukla@lt-ankits:~/new_dir$ mv .hiddenFile.txt ~/Desktop
ankitshukla@lt-ankits:~/new_dir$
```

7. Create a directory, add 3 files into it and then remove the whole directory.

```
ankitshukla@lt-ankits:-$ mkdir newDir1
ankitshukla@lt-ankits:-$ cd newDir1
ankitshukla@lt-ankits:-/newDir1$ touch file1.txt,file2.txt,file3.txt
ankitshukla@lt-ankits:-/newDir1$ touch file1.txt file2.txt file3.txt
ankitshukla@lt-ankits:-/newDir1$ cd ..
ankitshukla@lt-ankits:-$ rm -r newDir1
ankitshukla@lt-ankits:-$
```

8. Create a new user group.



9. Create a new user and assign a new user home and the previously created usergroup to the user.

```
FI.
                                ankitshukla@lt-ankits: ~
                                                            Q
  -l, --no-log-init
                                do not add the user to the lastlog and
                                faillog databases
                                create the user's home directory
  -m, --create-home
                                do not create the user's home directory
  -M, --no-create-home
                                do not create a group with the same name as
  -N, --no-user-group
                                the user
  -o, --non-unique
                                allow to create users with duplicate
                                (non-unique) UID
  -p, --password PASSWORD
                                encrypted password of the new account
  -r, --system
                                create a system account
  -R, --root CHROOT DIR
                                directory to chroot into
  -P, --prefix PREFIX DIR
                                prefix directory where are located the /etc/* fi
les
  -s, --shell SHELL
                                login shell of the new account
  -u, --uid UID
                                user ID of the new account
                                create a group with the same name as the user
  -U, --user-group
  -Z, --selinux-user SEUSER
                                use a specific SEUSER for the SELinux user mappi
ng
                                Use the extra users database
      --extrausers
ankitshukla@lt-ankits:~$ sudo useradd -g newUserGroup -d /user/test Ankit
useradd: user 'Ankit' already exists
ankitshukla@lt-ankits:~$ sudo useradd -g newUserGroup -d /user/test Ankit1
ankitshukla@lt-ankits:~$
an-init.sh
```

10. Create a symbolic link in a different location for the file created in step 3.

```
ankitshukla@lt-ankits: ~/new_dir
                                                            Q
 ſŦ
                                                                 \equiv
                                                                           the user
                                allow to create users with duplicate
  -o, --non-unique
                                (non-unique) UID
  -p, --password PASSWORD
                                encrypted password of the new account
  -г, --system
                                create a system account
  -R, --root CHROOT_DIR
                                directory to chroot into
  -P, --prefix PREFIX DIR
                                prefix directory where are located the /etc/* fi
  -s. --shell SHELL
                                login shell of the new account
  -u, --uid UID
                                user ID of the new account
  -U, --user-group
                                create a group with the same name as the user
                                use a specific SEUSER for the SELinux user mappi
  -Z, --selinux-user SEUSER
                                Use the extra users database
      --extrausers
ankitshukla@lt-ankits:~$ sudo useradd -g newUserGroup -d /user/test Ankit
useradd: user 'Ankit' already exists
ankitshukla@lt-ankits:~$ sudo useradd -g newUserGroup -d /user/test Ankit1
ankitshukla@lt-ankits:~$ cd new_dir
ankitshukla@lt-ankits:~/new dir$ ln -s file.txt
ln: failed to create symbolic link './file.txt': File exists
ankitshukla@lt-ankits:~/new_dir$ ln -s file.txt soft.txt
ankitshukla@lt-ankits:~/new_dir$ ln file.txt hard.txt
ankitshukla@lt-ankits:~/new_dir$
```

11. Open google chrome or any other web browser, see its memory usage using top command and end the process using the ps and grep commands.

ſπ		ankitshukla@lt-ankits: ~/new_dir		= - c ×
6553 ankitsh+		1124.6g 253200 103940 S 10.5 ew_dir\$ top grep 'chrome'		
		1124.6g 253200 103940 S 2.7	1.6	1:13.84 chrome
5909 ankitsh+	20 0	32.5g 238492 160452 S 0.3	1.5	0:30.59 chrome
6553 ankitsh+	20 0 :	1124.6g 253200 103940 S 2.7	1.6	1:13.92 chrome
5909 ankitsh+	20 0	32.5g 238492 160452 S 0.3	1.5	0:30.60 chrome
6553 ankitsh+	20 0 :	1124.6g 253200 103940 S 2.7	1.6	1:14.00 chrome
5909 ankitsh+	20 0	32.5g 238492 160452 S 0.3	1.5	0:30.61 chrome
6553 ankitsh+	20 0 :	1124.6g 253200 103940 S 2.3	1.6	1:14.07 chrome
5909 ankitsh+	20 0	32.5n 238492 160452 S 0.3	1.5	0:30.62 chrome

