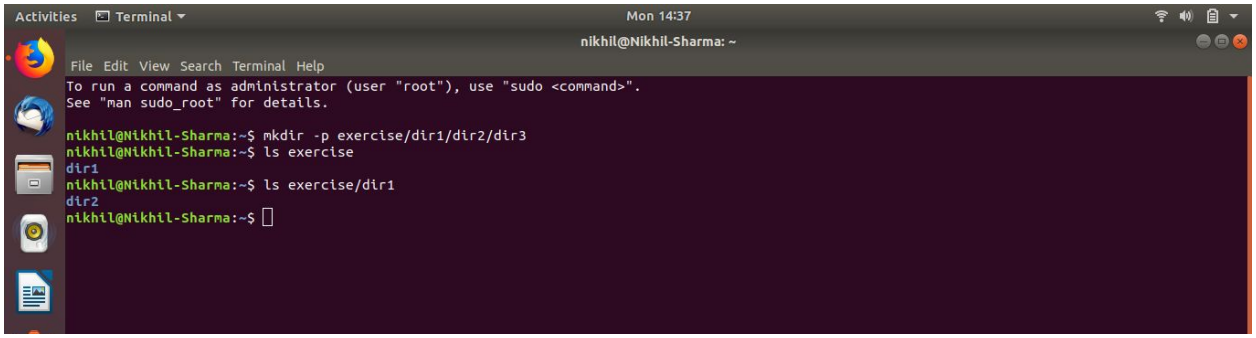
Q1. mkdir -p exercise/dir1/dir2/dir3



Q2.touch emptyfile{1..2}

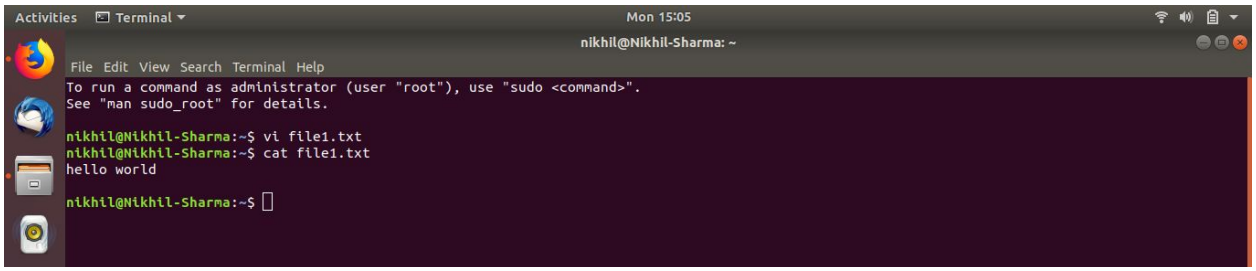
Q3.vi file1.txt

In file1.txt

Firstly enter i for insert mode type “Hello World”

Then esc key then :wq to save

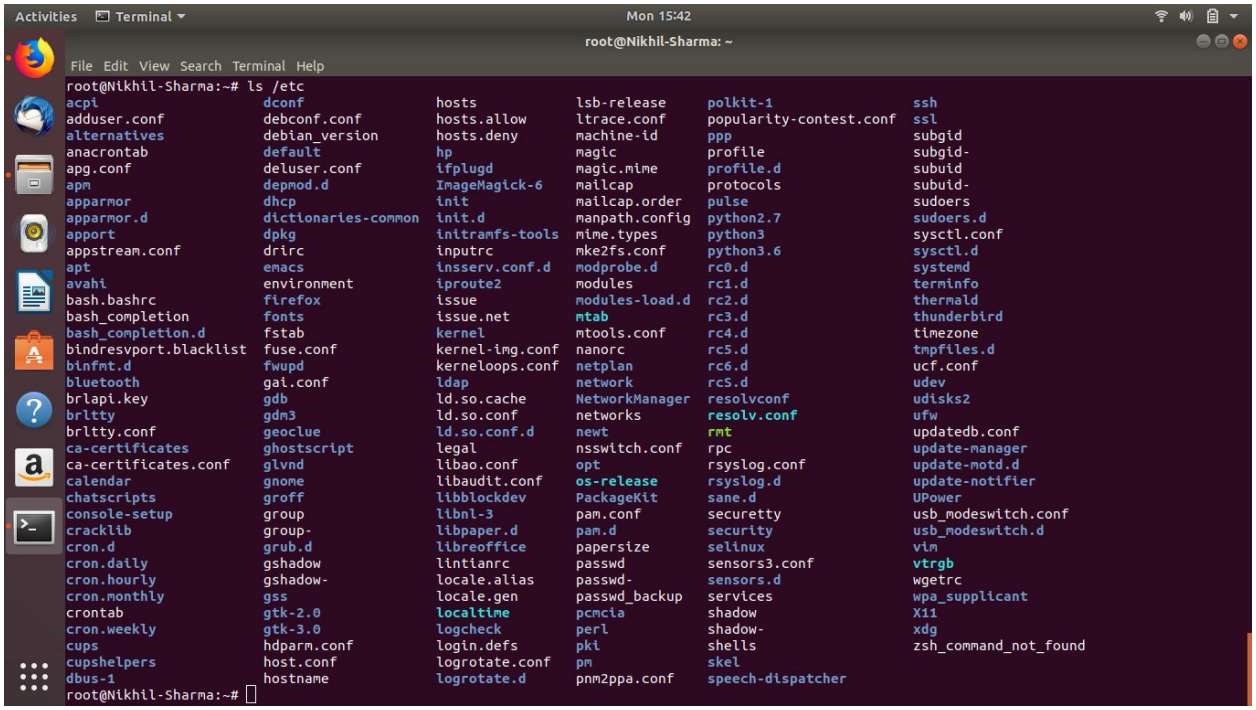
cat file1.txt



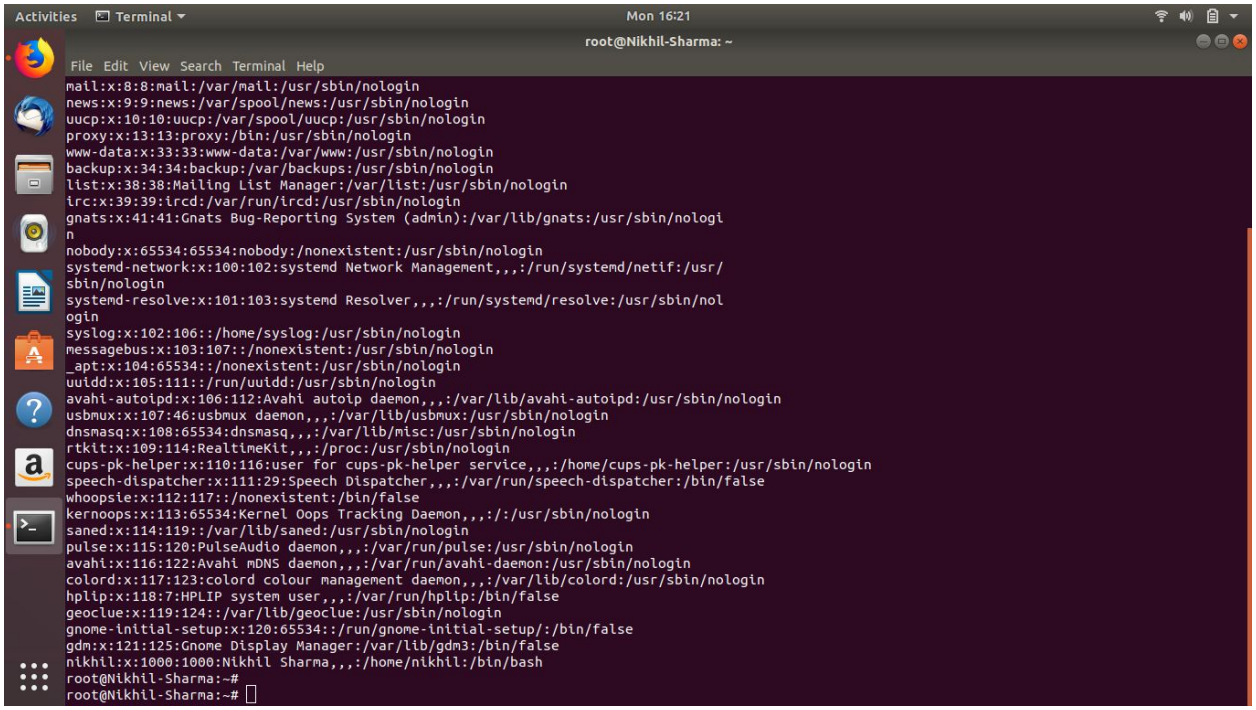
Q4.find /etc -iname passwd

cp /etc/passwd /etc/passwd_copy

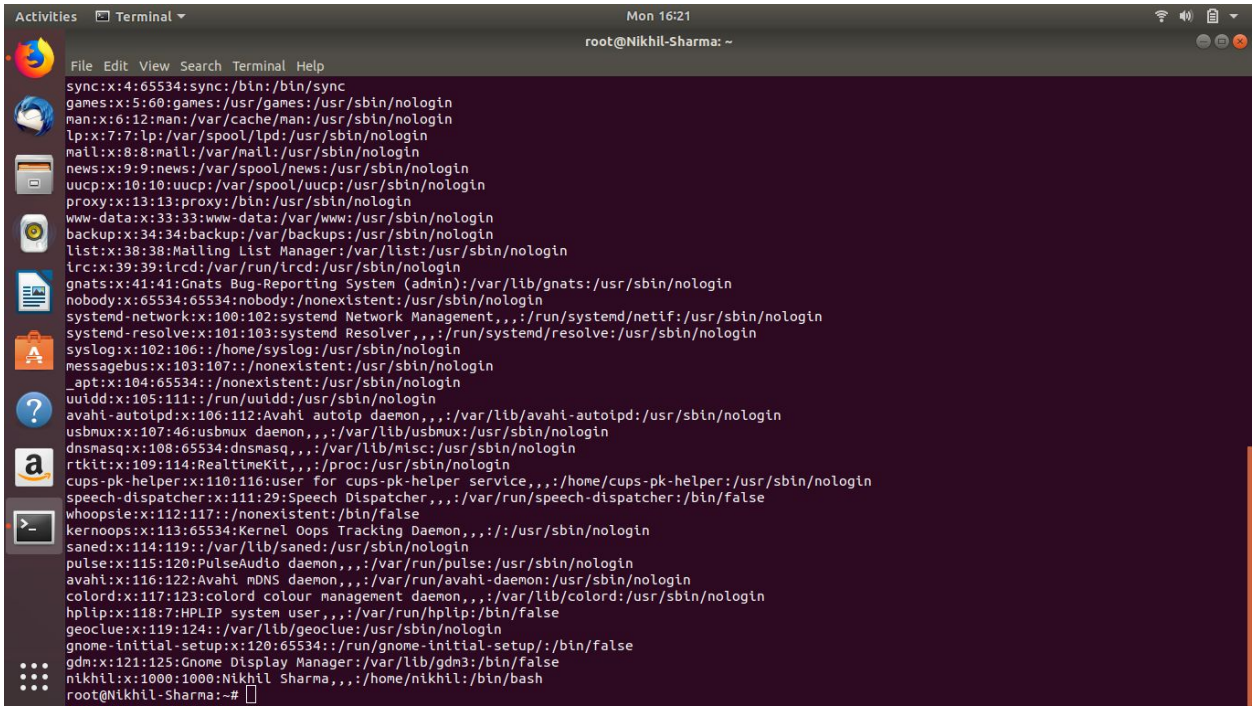
mv /etc/passwd_cop /etc/passwd_backup



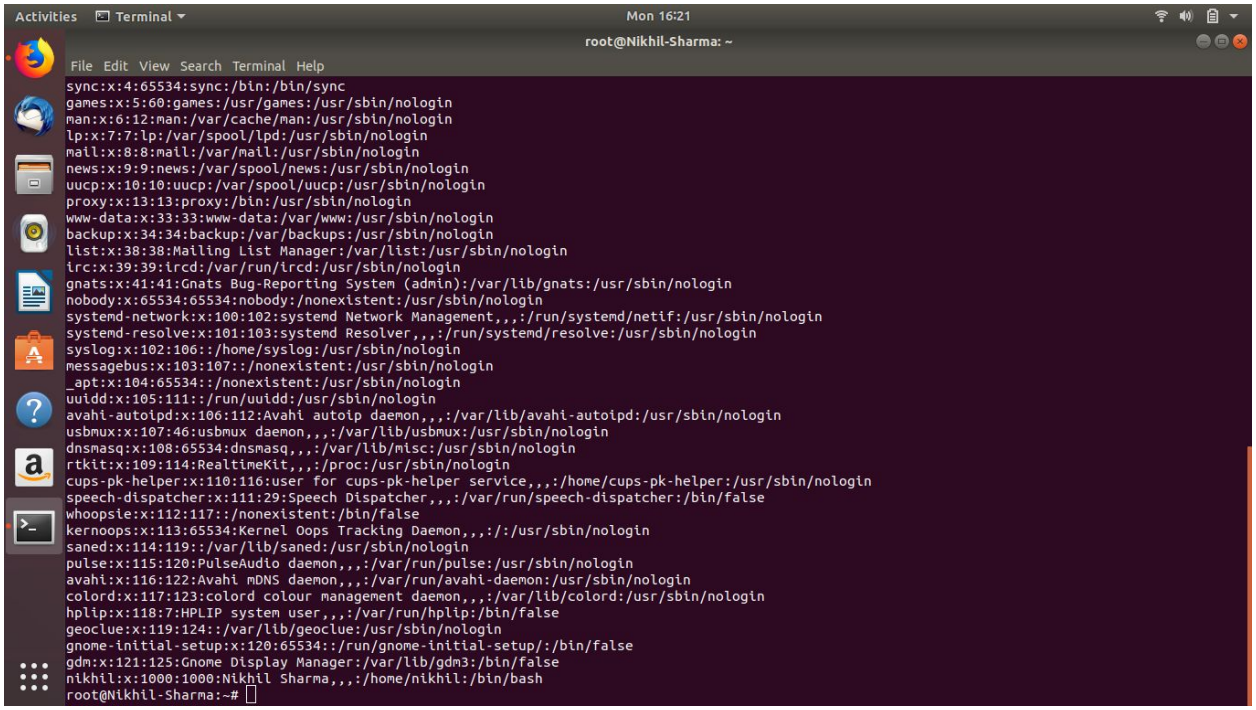
Q5. less /etc/passwd_backup



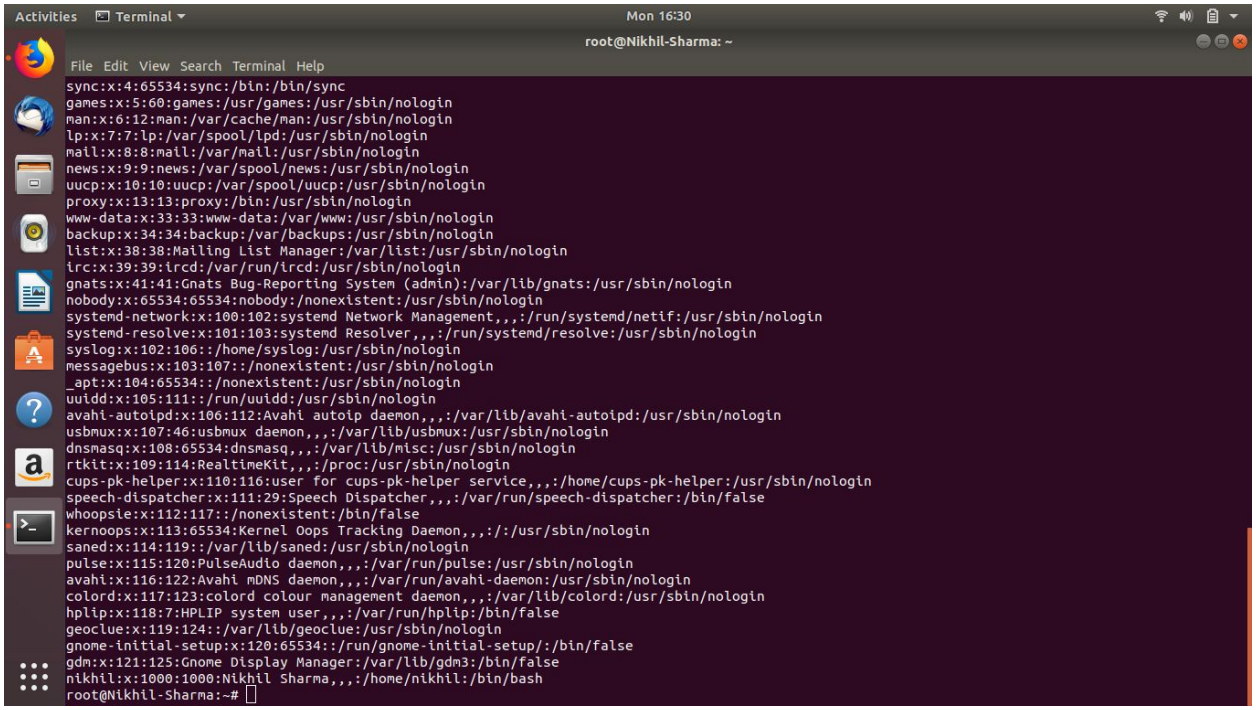
more /etc/passwd_backup



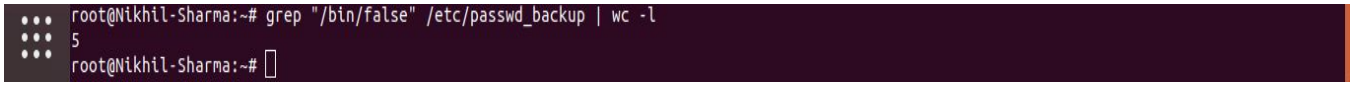
cat /etc/passwd_backup



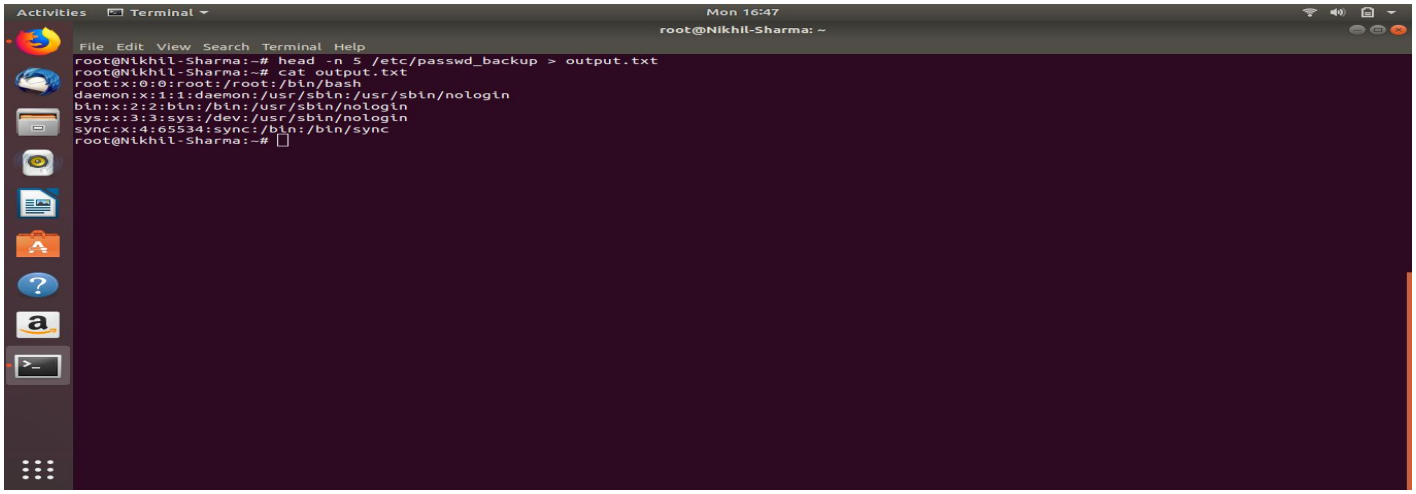
string /etc/passwd_backup



Q6.grep “bin/false” /etc/passwd_backup | wc -l

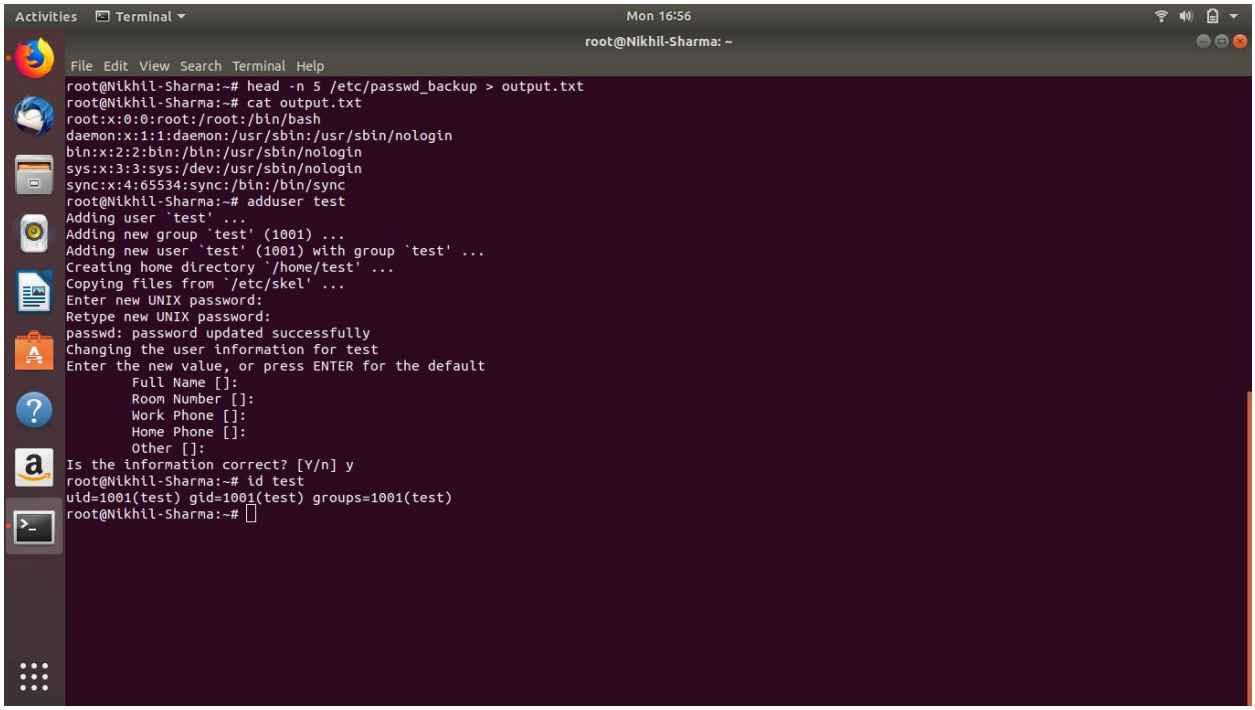


Q7.head -n 5 /etc/passwd_backup > output.txt



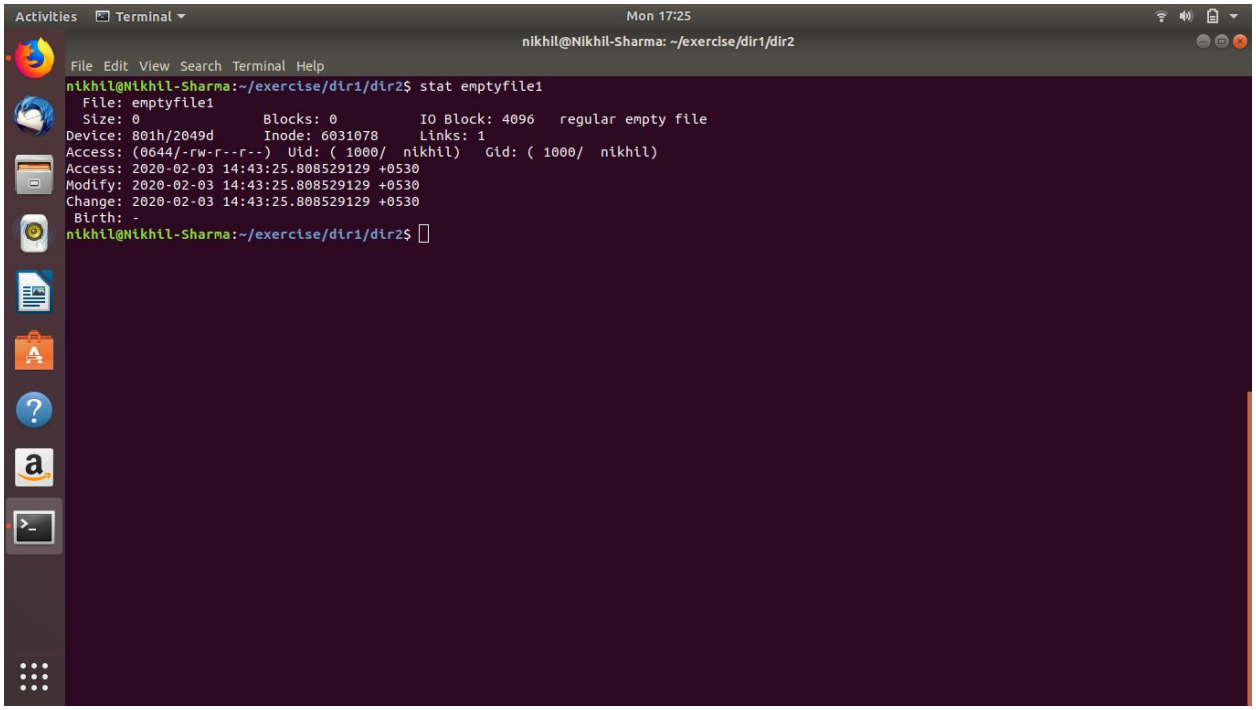
Q8.adduser test

Id test

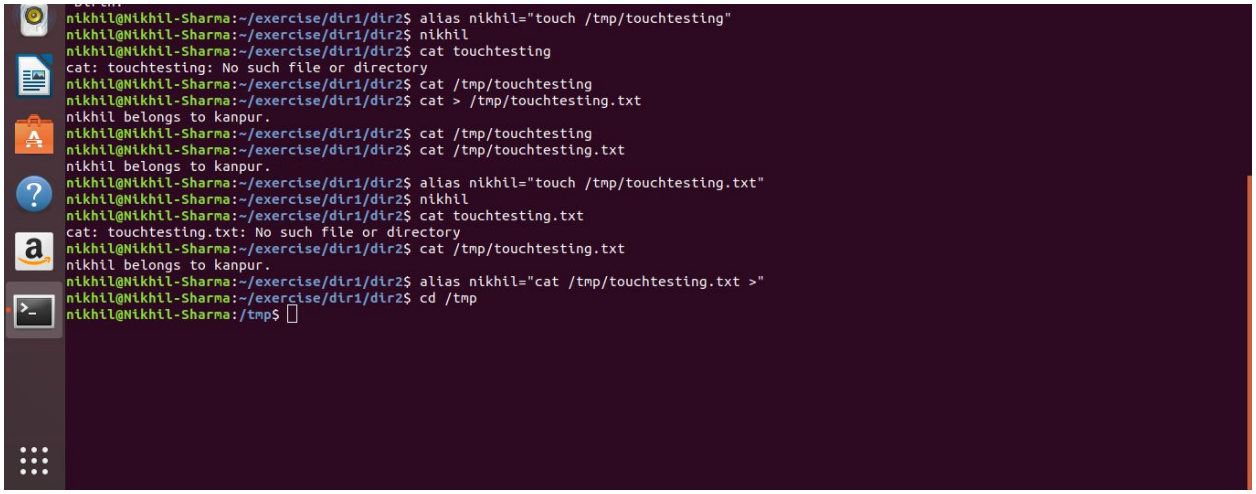


Q9.touch -t 201902031712.45 emptyfile1.txt

touch -t 201902031714.54 emptyfile2.txt



Q11. alias nikhil=”touch /tmp/aliastesting”
nikhil



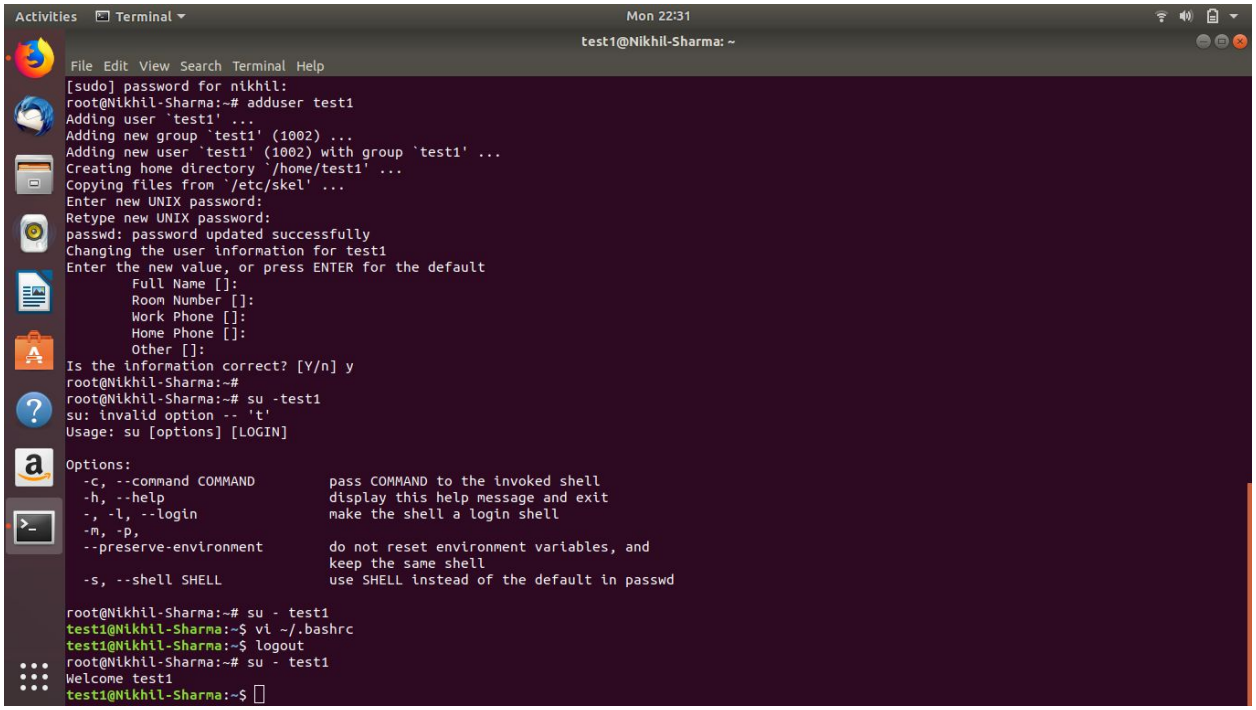
Q12.su - test

vi ~/.bashrc

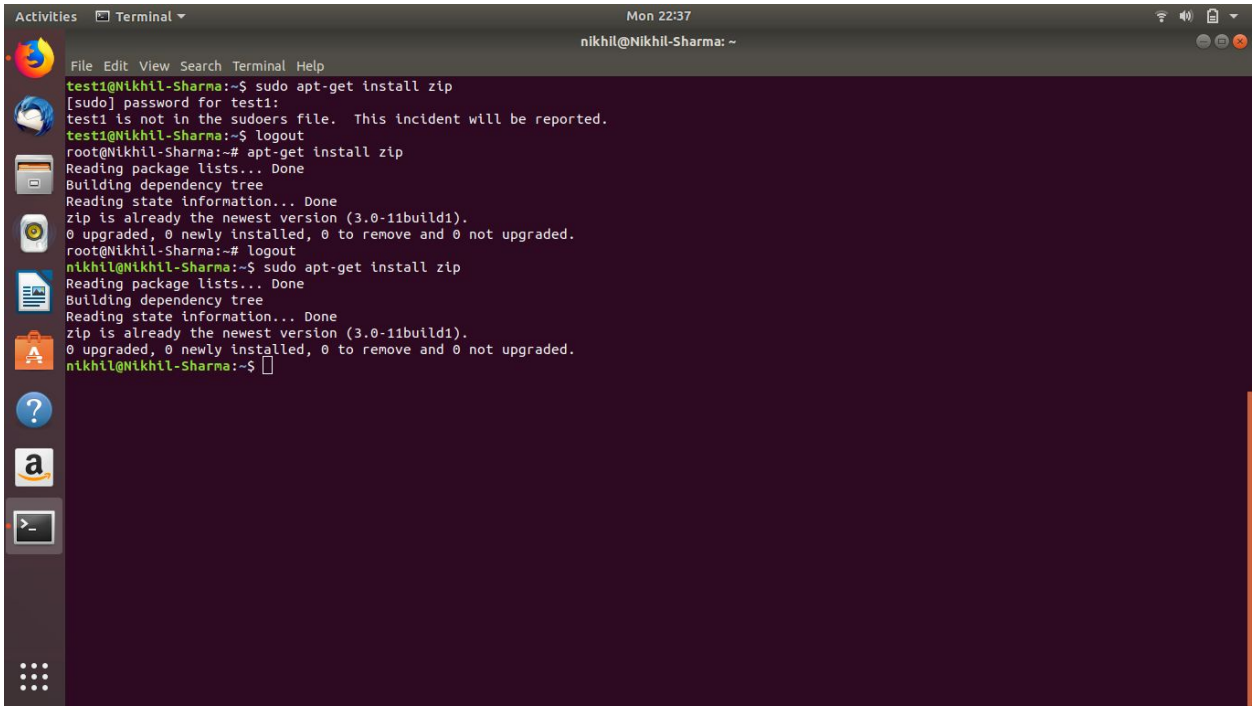
add echo “Welcome ${USER}” at last.

logout

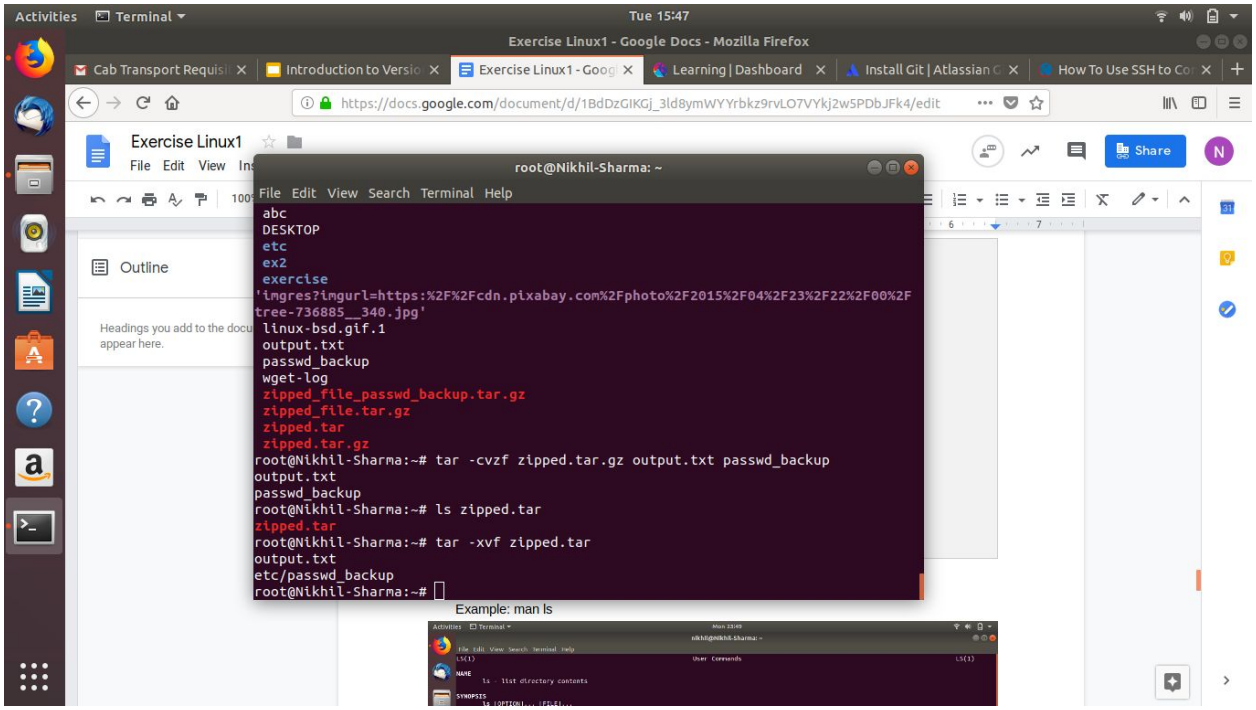
su -test



Q13.sudo apt-get install zip

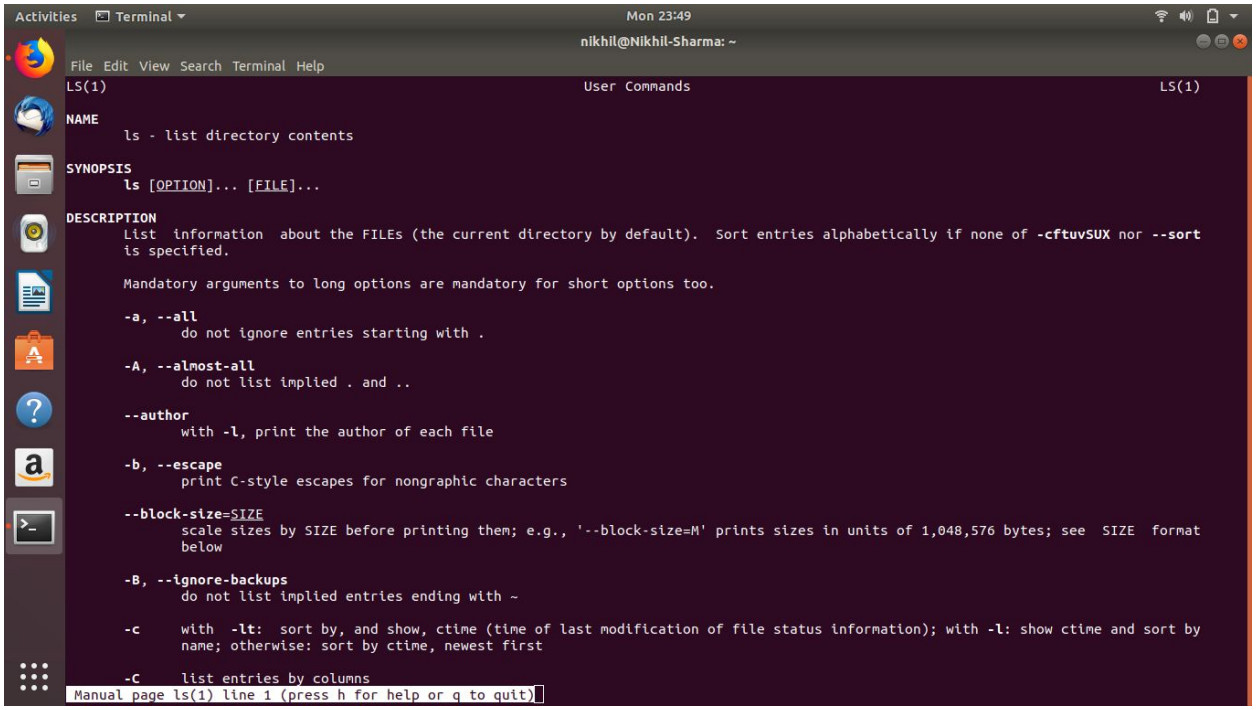


Q14.tar -cvzf zipped.tar.gz output.txt passwd_backup

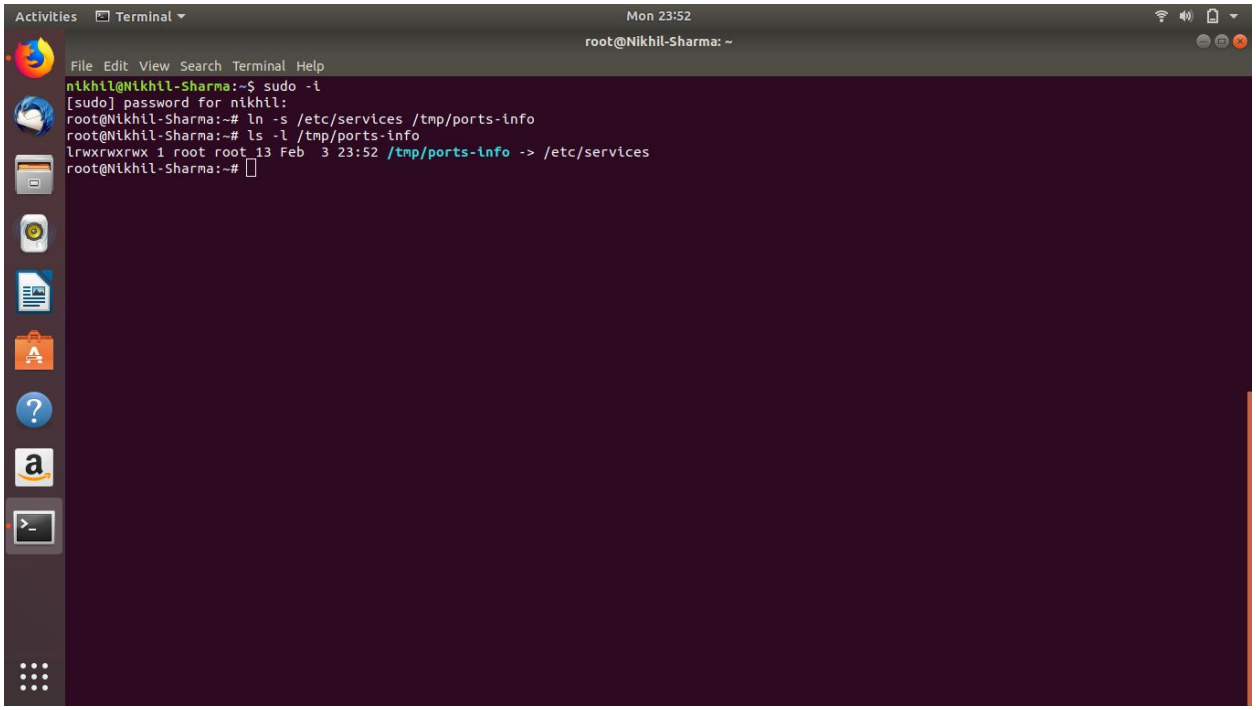


Q18. By using man command we can find out the basic structure of any command

Example: man ls

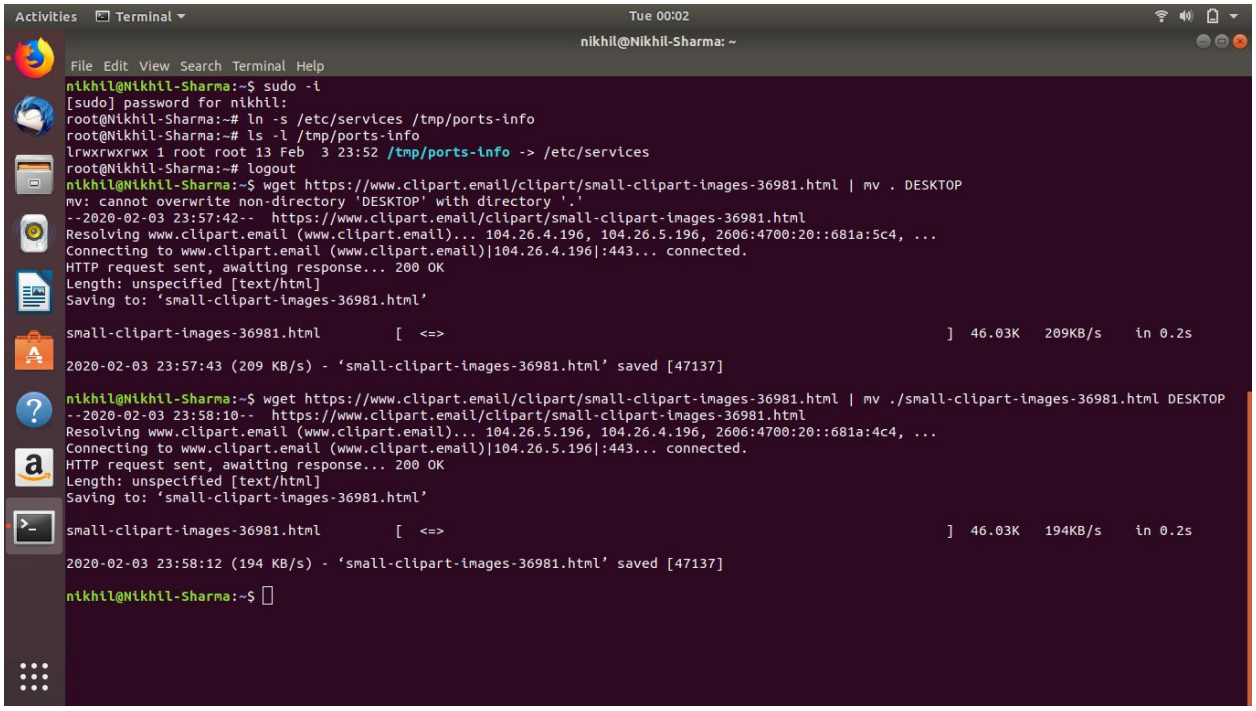


Q19. ln -s /etc/services /tmp/ports-info

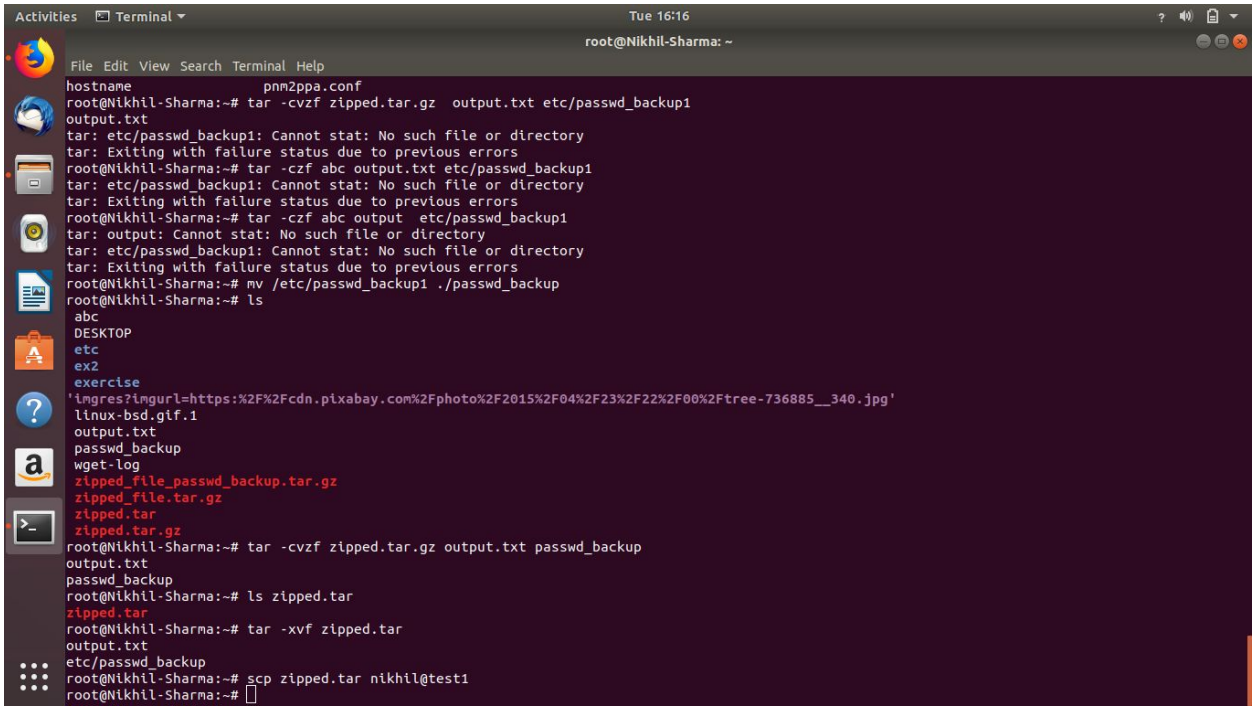


Q20. whereis xyz .

Q17. wget https://www.clipart.email/clipart/small-clipart-images-36981.html | mv small-clipart-images-36981.html DESKTOP

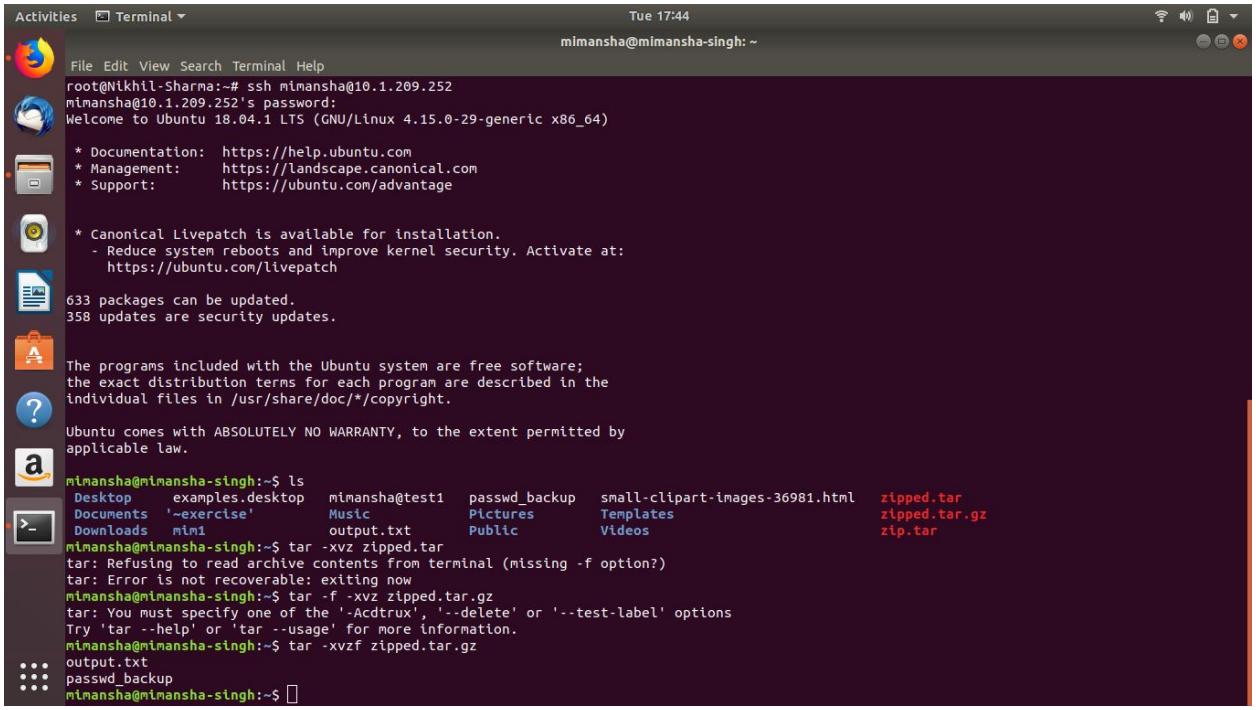


Q15. scp zipped.tar nikhil@test1

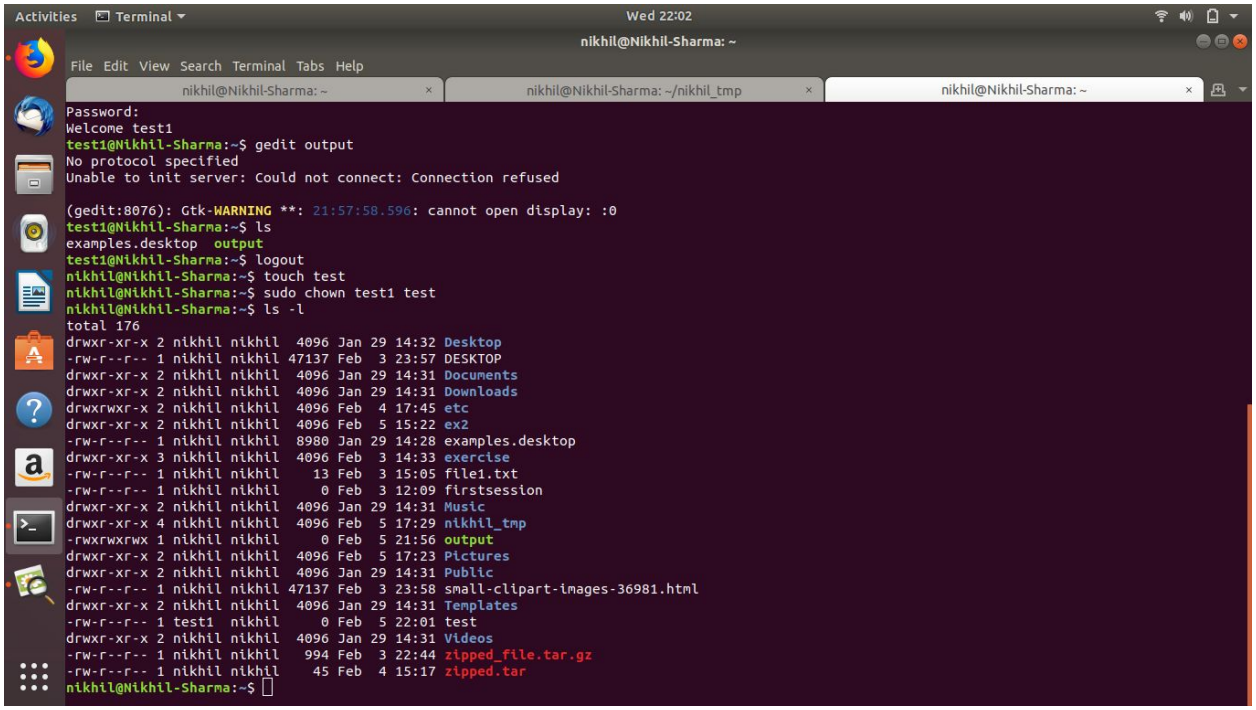


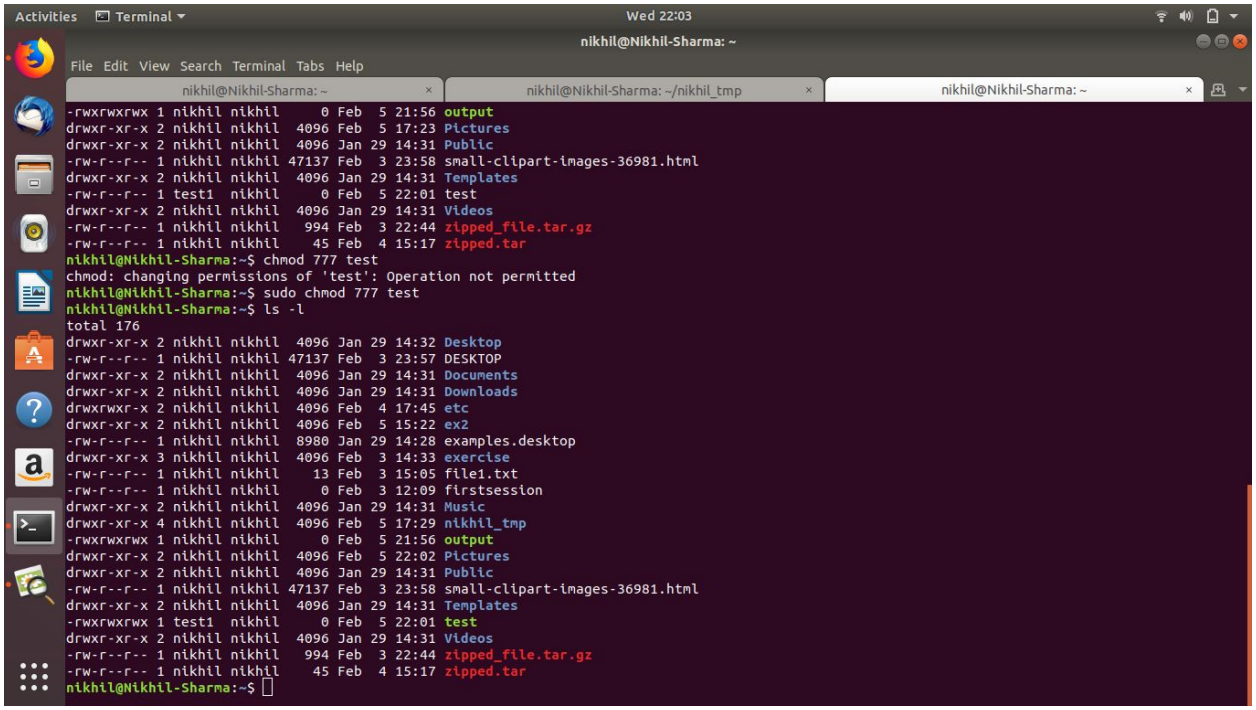
Q16.ssh mimansha@10.1.209.252

tar -xvzf zipped.tar



Q10.


Activities
Terminal
Wed 22:02
nikhil@Nikhil-Sharma: ~
File Edit View Search Terminal Tabs Help
nikhil@Nikhil-Sharma: ~
nikhil@Nikhil-Sharma: ~/nikhil_tmp
nikhil@Nikhil-Sharma: ~
Password:
Welcome test1
test1@Nikhil-Sharma:~$ gedit output
No protocol specified
Unable to init server: Could not connect: Connection refused
(gedit:8076): Gtk-WARNING **: 21:57:58.596: cannot open display: :0
test1@Nikhil-Sharma:~$ ls
examples.desktop output
test1@Nikhil-Sharma:~$ logout
nikhil@Nikhil-Sharma:~$ touch test
nikhil@Nikhil-Sharma:~$ sudo chown test1 test
nikhil@Nikhil-Sharma:~$ ls -l
total 176
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:32 Desktop
-rw-r--r-- 1 nikhil nikhil 47137 Feb 3 23:57 DESKTOP
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Documents
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Downloads
drwxrwxr-x 2 nikhil nikhil 4096 Feb 4 17:45 etc
drwxr-xr-x 2 nikhil nikhil 4096 Feb 5 15:22 ex2
-rw-r--r-- 1 nikhil nikhil 8980 Jan 29 14:28 examples.desktop
drwxr-xr-x 3 nikhil nikhil 4096 Feb 3 14:33 exercise
-rw-r--r-- 1 nikhil nikhil 13 Feb 3 15:05 file1.txt
-rw-r--r-- 1 nikhil nikhil 0 Feb 3 12:09 firstsession
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Music
drwxr-xr-x 4 nikhil nikhil 4096 Feb 5 17:29 nikhil_tmp
-rwxrwxrwx 1 nikhil nikhil 0 Feb 5 21:56 output
drwxr-xr-x 2 nikhil nikhil 4096 Feb 5 17:23 Pictures
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Public
-rw-r--r-- 1 nikhil nikhil 47137 Feb 3 23:58 small-clipart-images-36981.html
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Templates
-rw-r--r-- 1 test1 nikhil 0 Feb 5 22:01 test
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Videos
-rw-r--r-- 1 nikhil nikhil 994 Feb 3 22:44 zipped_file.tar.gz
-rw-r--r-- 1 nikhil nikhil 45 Feb 4 15:17 zipped.tar
nikhil@Nikhil-Sharma:~$


Activities
Terminal
Wed 22:03
nikhil@Nikhil-Sharma: ~
File Edit View Search Terminal Tabs Help
nikhil@Nikhil-Sharma: ~
nikhil@Nikhil-Sharma: ~/nikhil_tmp
nikhil@Nikhil-Sharma: ~
-rwxrwxrwx 1 nikhil nikhil 0 Feb 5 21:56 output
drwxr-xr-x 2 nikhil nikhil 4096 Feb 5 17:23 Pictures
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Public
-rw-r--r-- 1 nikhil nikhil 47137 Feb 3 23:58 small-clipart-images-36981.html
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Templates
-rw-r--r-- 1 test1 nikhil 0 Feb 5 22:01 test
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Videos
-rw-r--r-- 1 nikhil nikhil 994 Feb 3 22:44 zipped_file.tar.gz
-rw-r--r-- 1 nikhil nikhil 45 Feb 4 15:17 zipped.tar
nikhil@Nikhil-Sharma:~$ chmod 777 test
chmod: changing permissions of 'test': Operation not permitted
nikhil@Nikhil-Sharma:~$ sudo chmod 777 test
nikhil@Nikhil-Sharma:~$ ls -l
total 176
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:32 Desktop
-rw-r--r-- 1 nikhil nikhil 47137 Feb 3 23:57 DESKTOP
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Documents
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Downloads
drwxrwxr-x 2 nikhil nikhil 4096 Feb 4 17:45 etc
drwxr-xr-x 2 nikhil nikhil 4096 Feb 5 15:22 ex2
-rw-r--r-- 1 nikhil nikhil 8980 Jan 29 14:28 examples.desktop
drwxr-xr-x 3 nikhil nikhil 4096 Feb 3 14:33 exercise
-rw-r--r-- 1 nikhil nikhil 13 Feb 3 15:05 file1.txt
-rw-r--r-- 1 nikhil nikhil 0 Feb 3 12:09 firstsession
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Music
drwxr-xr-x 4 nikhil nikhil 4096 Feb 5 17:29 nikhil_tmp
-rwxrwxrwx 1 nikhil nikhil 0 Feb 5 21:56 output
drwxr-xr-x 2 nikhil nikhil 4096 Feb 5 22:02 Pictures
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Public
-rw-r--r-- 1 nikhil nikhil 47137 Feb 3 23:58 small-clipart-images-36981.html
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Templates
-rwxrwxrwx 1 test1 nikhil 0 Feb 5 22:01 test
drwxr-xr-x 2 nikhil nikhil 4096 Jan 29 14:31 Videos
-rw-r--r-- 1 nikhil nikhil 994 Feb 3 22:44 zipped_file.tar.gz
-rw-r--r-- 1 nikhil nikhil 45 Feb 4 15:17 zipped.tar
nikhil@Nikhil-Sharma:~$