1.1Enter the following commands in sequence:

$pwd

$cd ~

$mkdir your_studentID

$cd your_studentID

$mkdir your_name

$ls

$rmdir your_name

$ls

1.2

$cd ~

$touch yourname.txt

$ls

$echo "hello world" > yourname.txt

$cat yourname.txt

$cp yourname.txt yourname2.txt

$mv yourname.txt yourstudentid.txt

$ls

1.1Enter the following commands in sequence:

1.3Enter the following commands in sequence:

```
$whoami
$sudo su root
```

Enter the password of the current logged-in user, not the root password, and then

enter:

```
#groupadd student
#whoami
#adduser yourstudentID
#usermod -g student yourstudentID
```

Follow the prompts to create the user and add the user to the student group.

Switch to the user.

```
#su yourstudentID
$cd ~
$touch yourname.txt
$ls -l
```

View the properties of the file, including the owner user and the group to which the owner user belongs.

1.4Enter the following commands in sequence:

```
$ touch demo
$ chmod 777 demo
$ chmod a-x demo # result is rw-rw-rw-
$ chmod go-w demo # result is rw-r--r--
$ chmod g+w demo # result is rw-rw-r--
$ chmod a= demo # result is ---------
$ chmod +t demo # result is --------T
$ chmod u+s demo # result is --S-----T
$ chmod u+rx demo # result is r-s-----T
$ chmod g+rws demo # result is r-srwS--T
```

```
ww@ww-virtual-machine:~/桌面$ touch demo
ww@ww-virtual-machine:~/桌面$ chmod 777 demo
ww@ww-virtual-machine:~/桌面$ chmod a-x demo # result is rw-rw-rw-
ww@ww-virtual-machine:~/桌面$ chmod go-w demo # result is rw-r--r--
ww@ww-virtual-machine:~/桌面$ chmod g+w demo # result is rw-rw-r--
ww@ww-virtual-machine:~/桌面$ chmod a= demo # result is ---------
ww@ww-virtual-machine:~/桌面$ chmod +t demo # result is --------T
ww@ww-virtual-machine:~/桌面$ chmod u+s demo # result is --S-----T
ww@ww-virtual-machine:~/桌面$ chmod u+rx demo # result is r-s-----T
ww@ww-virtual-machine:~/桌面$ chmod g+rws demo # result is r-srwS--
ww@ww-virtual-machine:~/桌面$ ls -1
1
1.c
2.c
2.sh
czxt
czxt.c
demo
mxl.c
ww@ww-virtual-machine:~/桌面$ ls -1 demo
demo
```

After entering each line, run ls –l demo to view the result.

1.5###(5) Other management

Create folder "others" in the main directory of the user, go to the folder, and create two

files with

the name of any file. Then run the following commands in sequence.

```
$ touch demo
$ chmod 777 demo
$ chmod a-x demo # result is rw-rw-rw-
$ chmod go-w demo # result is rw-r--r--
$ chmod g+w demo # result is rw-rw-r--
$ chmod a= demo # result is ---------
$ chmod +t demo # result is --------T
$ chmod u+s demo # result is --S-----T
$ chmod u+rx demo # result is r-s-----T
```

```
$ chmod g+rws demo # result is r-srwS--T
```

ww@ww-virtual-machine:~$ grep '^n' mxl.txt
no, I study in njupt.
ww@ww-virtual-machine:~$ grep '5\..' mxl.txt
He is 15. It is 16.00
ww@ww-virtual-machine:~$ grep '^[wy]' mxl.txt
wy is the short of my name.
ww@ww-virtual-machine:~$ grep '\.00$' mxl.txt
this line ends with .00
He is 15. It is 16.00
ww@ww-virtual-machine:~$