

实验一

(1) Directory Operation

```
qyp@ubuntu:~$ pwd
/home/qyp
qyp@ubuntu:~$ cd ~
qyp@ubuntu:~$ mkdir b21022513
qyp@ubuntu:~$ cd b21022513
qyp@ubuntu:~/b21022513$ mkdir qiyinpeng
qyp@ubuntu:~/b21022513$ ls
qiyinpeng
qyp@ubuntu:~/b21022513$ rmdir qiyinpeng
qyp@ubuntu:~/b21022513$ ls
qyp@ubuntu:~/b21022513$ cd ~
```

(2) File operation

```
qyp@ubuntu:~/b21022513$ cd ~
qyp@ubuntu:~$ touch qiyinpeng.txt
qyp@ubuntu:~$ ls
aflgo      Desktop    Downloads  Pictures  qiyinpeng.txt  Videos
b21022513  Documents  Music      Public    Templates
qyp@ubuntu:~$ echo "hello world" > qiyinpeng.txt
```

(3) User Management

```
qyp@ubuntu:~$ echo "hello world" > qiyinpeng.txt
qyp@ubuntu:~$ cat qiyinpeng.txt
hello world
qyp@ubuntu:~$
```

```
qyp@ubuntu:~$ ls
aflgo      Desktop    Downloads  Pictures  qiyinpeng.txt  Videos
b21022513  Documents  Music      Public    Templates
qyp@ubuntu:~$ echo "hello world" > qiyinpeng.txt
qyp@ubuntu:~$ cat qiyinpeng.txt
hello world
qyp@ubuntu:~$ cp qiyinpeng.txt qiyinpneg2.txt
qyp@ubuntu:~$ mv qiyinpeng.txt b21022513.txt
qyp@ubuntu:~$ ls
aflgo      b21022513.txt  Documents  Music      Public    Templates
b21022513  Desktop        Downloads  Pictures    qiyinpneg2.txt  Videos
qyp@ubuntu:~$
```

```
qyp@ubuntu:~$ whoami
qyp
qyp@ubuntu:~$ sudo su root
[sudo] password for qyp:
```

```
root@ubuntu:/home/qyp# cd ~
root@ubuntu:~$ touch qiyinpeng.txt
root@ubuntu:~$ ls -l
total 0
-rw-rw-r-- 1 b21022513 b21022513 0 Dec 27 18:34 qiyinpeng.txt
root@ubuntu:~$
```

```
b21022513@ubuntu:~$ chmod 777 demo
b21022513@ubuntu:~$ chmod a-x demo
b21022513@ubuntu:~$ chmod go-w demo
b21022513@ubuntu:~$ chmod g+w demo
b21022513@ubuntu:~$ $ chmod a= demo
$: command not found
b21022513@ubuntu:~$ chmod a= demo
b21022513@ubuntu:~$ chmod +t demo
b21022513@ubuntu:~$ chmod u+s demo
b21022513@ubuntu:~$ chmod u+rx demo
b21022513@ubuntu:~$ chmod g+rws demo
b21022513@ubuntu:~$ ls -l demo
ls: cannot access 'demo': No such file or directory
```

```
b21022513@ubuntu:~$ $tar -czvf backup.tar.gz others
-czvf: command not found
b21022513@ubuntu:~$ tar -czvf backup.tar.gz others
tar: others: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
b21022513@ubuntu:~$ ls
backup.tar.gz demo qiyinpeng.txt
b21022513@ubuntu:~$ tar -xzvf backup.tar.gz
b21022513@ubuntu:~$ ls -l
total 4
-rw-rw-r-- 1 b21022513 b21022513 45 Dec 27 18:40 backup.tar.gz
-r-srws--T 1 b21022513 b21022513  0 Dec 27 18:36 demo
-rw-rw-r-- 1 b21022513 b21022513  0 Dec 27 18:34 qiyinpeng.txt
b21022513@ubuntu:~$
```