

(1)

```
oldman@wmz-ubuntu:~$ pwd
/home/oldman
oldman@wmz-ubuntu:~$ cd ~
oldman@wmz-ubuntu:~$ mkdir your_studentID
oldman@wmz-ubuntu:~$ cd your_studentID
oldman@wmz-ubuntu:~/your_studentID$ mkdir your_name
oldman@wmz-ubuntu:~/your_studentID$ ls
your_name
oldman@wmz-ubuntu:~/your_studentID$ rmdir your_name
oldman@wmz-ubuntu:~/your_studentID$ ls
oldman@wmz-ubuntu:~/your_studentID$
```

(2)

```
oldman@wmz-ubuntu:~/your_studentID$ cd ~
oldman@wmz-ubuntu:~$ touch yourname.txt
oldman@wmz-ubuntu:~$ ls
公共 视频 文档 音乐 os test yourname.txt
模板 图片 下载 桌面 snap unix_programming your_studentID
oldman@wmz-ubuntu:~$ echo "hello world" > yourname.txt
oldman@wmz-ubuntu:~$ cat yourname.txt
hello world
oldman@wmz-ubuntu:~$ cp yourname.txt yourname2.txt
oldman@wmz-ubuntu:~$ mv yourname.txt yourstudentid.txt
oldman@wmz-ubuntu:~$ ls
公共 图片 音乐 snap yourname2.txt
模板 文档 桌面 test your_studentID
视频 下载 os unix_programming yourstudentid.txt
oldman@wmz-ubuntu:~$
```

(3)

```
oldman@wmz-ubuntu: ~  
oldman@wmz-ubuntu:~$ touch demo  
oldman@wmz-ubuntu:~$ chmod 777 demo  
oldman@wmz-ubuntu:~$ ls -al demo  
-rwxrwxrwx 1 oldman oldman 0 10月 23 23:48 demo  
oldman@wmz-ubuntu:~$ chmod a-x demo  
oldman@wmz-ubuntu:~$ ls -al demo  
-rw-rw-rw- 1 oldman oldman 0 10月 23 23:48 demo  
oldman@wmz-ubuntu:~$ chmod go-w demo  
oldman@wmz-ubuntu:~$ ls -al demo  
-rw-r--r-- 1 oldman oldman 0 10月 23 23:48 demo  
oldman@wmz-ubuntu:~$ chmod g+w demo  
oldman@wmz-ubuntu:~$ ls -al demo  
-rw-rw-r-- 1 oldman oldman 0 10月 23 23:48 demo  
oldman@wmz-ubuntu:~$ chmod a= demo  
oldman@wmz-ubuntu:~$ ls -al demo  
----- 1 oldman oldman 0 10月 23 23:48 demo  
oldman@wmz-ubuntu:~$ chmod +t demo  
oldman@wmz-ubuntu:~$ ls -al demo  
-----T 1 oldman oldman 0 10月 23 23:48 demo  
oldman@wmz-ubuntu:~$ chmod u+rx demo  
oldman@wmz-ubuntu:~$ ls -al demo  
-r-x-----T 1 oldman oldman 0 10月 23 23:48 demo  
oldman@wmz-ubuntu:~$ chmod g+rws demo  
oldman@wmz-ubuntu:~$
```

```
oldman@wmz-ubuntu:~$ whoami  
oldman  
oldman@wmz-ubuntu:~$ sudo su root  
root@wmz-ubuntu:/home/oldman# whoami  
root  
root@wmz-ubuntu:/home/oldman# groupadd student  
root@wmz-ubuntu:/home/oldman# whoami  
root  
root@wmz-ubuntu:/home/oldman# useradd yourstudentID  
root@wmz-ubuntu:/home/oldman# usermod -g student yourstudentID  
root@wmz-ubuntu:/home/oldman# su yourstudentID
```

```

oldman@wmz-ubuntu:~$ touch demo
oldman@wmz-ubuntu:~$ chmod 777 demo
oldman@wmz-ubuntu:~$ ls -l demo
-rwxrwxrwx 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$ chmod a-x demo
oldman@wmz-ubuntu:~$ ls -l demo
-rw-rw-rw- 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$ chmod go-w demo
oldman@wmz-ubuntu:~$ ls -l demo
-rw-r--r-- 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$ chmod g+w demo
oldman@wmz-ubuntu:~$ ls -l demo
-rw-rw-r-- 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$ chmod a= demo
oldman@wmz-ubuntu:~$ ls -l demo
----- 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$ chmod +t demo
oldman@wmz-ubuntu:~$ ls -l demo
-----T 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$ ls u+s demo
ls: 无法访问 'u+s': 没有那个文件或目录
demo
oldman@wmz-ubuntu:~$ chmod u+s demo
oldman@wmz-ubuntu:~$ ls -l demo
---S-----T 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$ chmod u+rx demo
oldman@wmz-ubuntu:~$ ls -l demo
-r-s-----T 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$ chmod g+rws demo
oldman@wmz-ubuntu:~$ ls -l demo
-r-srws--T 1 oldman oldman 0 12月 20 11:37 demo
oldman@wmz-ubuntu:~$

```

```

oldman@wmz-ubuntu:~$ mkdir others
oldman@wmz-ubuntu:~$ ls -l others
总计 0
oldman@wmz-ubuntu:~$ cd others
oldman@wmz-ubuntu:~/others$ ls
oldman@wmz-ubuntu:~/others$ touch test1
oldman@wmz-ubuntu:~/others$ touch test2
oldman@wmz-ubuntu:~/others$ ls -al
总计 8
drwxrwxr-x  2 oldman oldman 4096 12月 20 11:43 .
drwxr-x--- 22 oldman oldman 4096 12月 20 11:42 ..
-rw-rw-r--  1 oldman oldman   0 12月 20 11:43 test1
-rw-rw-r--  1 oldman oldman   0 12月 20 11:43 test2
oldman@wmz-ubuntu:~/others$ cd ..
oldman@wmz-ubuntu:~$ tar -czvf backup.tar.gz others
others/
others/test2
others/test1
oldman@wmz-ubuntu:~$ ls -l
总计 88
drwxr-xr-x  2 oldman oldman 4096  9月  6 14:36 公共
drwxr-xr-x  2 oldman oldman 4096  9月  6 14:36 模板
drwxr-xr-x  2 oldman oldman 4096  9月  6 14:36 视频
drwxr-xr-x  3 oldman oldman 4096 11月 26 08:55 图片
drwxr-xr-x  2 oldman oldman 4096  9月  6 14:36 文档
drwxr-xr-x  2 oldman oldman 4096  9月  6 14:36 下载
drwxr-xr-x  2 oldman oldman 4096  9月  6 14:36 音乐
drwxr-xr-x  2 oldman oldman 4096  9月  6 14:36 桌面
-rw-rw-r--  1 oldman oldman  156 12月 20 11:43 backup.tar.gz
-rw-rw-r--  1 oldman oldman 2682 11月 27 13:38 libdemo.a
drwxrwxr-x  2 oldman oldman 4096 11月 30 16:27 os_exp1
drwxrwxr-x  2 oldman oldman 4096 12月  1 18:17 os_exp2
drwxrwxr-x  2 oldman oldman 4096 12月 11 21:51 os_exp3
drwxrwxr-x  2 oldman oldman 4096 12月 20 11:43 others
drwx-----  6 oldman oldman 4096  9月 22 21:00 snap
-rwxrwxr-x  1 oldman oldman 16064 12月 13 21:28 text
drwxrwxr-x  3 oldman oldman 4096 10月 12 23:18 unix_programming
drwxrwxr-x  2 oldman oldman 4096 11月 26 10:15 wangan_experiment2
drwxrwxr-x  2 oldman oldman 4096 10月 23 23:22 your_studentID
oldman@wmz-ubuntu:~$ S

```




oldm

```
oldman@wmz-ubuntu:~$ touch text.txt
oldman@wmz-ubuntu:~$ vim text.txt
oldman@wmz-ubuntu:~$ cat text.txt
no, I study in njupt.
this line ends with 00
this line ends with .00
I am 25 years old.
He is 15. It is 16.00
wy is the short of my name.
oldman@wmz-ubuntu:~$ grep '^n' textfile
grep: textfile: 没有那个文件或目录
oldman@wmz-ubuntu:~$ grep '^n' text.txt
no, I study in njupt.
oldman@wmz-ubuntu:~$ grep '\.00$' text.txt
this line ends with .00
He is 15. It is 16.00
oldman@wmz-ubuntu:~$ grep '5\.. ' text.txt
He is 15. It is 16.00
oldman@wmz-ubuntu:~$ grep '^[wy]' text.txt
wy is the short of my name.
oldman@wmz-ubuntu:~$
```