

实验一

```
kali@kali: ~/B22041013

(kali@kali)-[/]
$ pwd
/

(kali@kali)-[/]
$ cd ~

(kali@kali)-[~]
$ mkdir B22041013

(kali@kali)-[~]
$ cd B22041013

(kali@kali)-[~/B22041013]
$ mkdir YeHepeng

(kali@kali)-[~/B22041013]
$ cd YeHepeng

(kali@kali)-[~/B22041013/YeHepeng]
$ cd ..

(kali@kali)-[~/B22041013]
$ ls
YeHepeng

(kali@kali)-[~/B22041013]
$ rmdir YeHepeng

(kali@kali)-[~/B22041013]
$ ls

(kali@kali)-[~/B22041013]
$ |
```

```
kali@kali: ~

(kali@kali)-[~]
$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos

(kali@kali)-[~]
$ touch YeHepeng.txt

(kali@kali)-[~]
$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos  YeHepeng.txt

(kali@kali)-[~]
$ echo 'hello world' > YeHepeng.txt

(kali@kali)-[~]
$ cat YeHepeng.txt
hello world

(kali@kali)-[~]
$ cp YeHepeng.txt YeHepeng2.txt

(kali@kali)-[~]
$ mv YeHepeng.txt B22041013.txt

(kali@kali)-[~]
$ ls
B22041013.txt  Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos  YeHepeng2.txt

(kali@kali)-[~]
$
```

```

kali@kali:~$ whoami
kali

kali@kali:~$ sudo su root
(root@kali) [/home/kali]
# whoami
root

(root@kali) [/home/kali]
# groupadd student

(root@kali) [/home/kali]
# adduser b22041013
perl: warning: Setting locale failed.
perl: warning: Please check that your locale settings:
    LANGUAGE = (unset),
    LC_ALL = (unset),
    LC_TERMINAL = "iTerm2",
    LANG = "zh_CN.UTF-8"
are supported and installed on your system.
perl: warning: Falling back to the standard locale ("C").
info: Adding user `b22041013' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `b22041013' (1002) ...
info: Adding new user `b22041013' (1002) with group `b22041013 (1002)' ...
warn: The home directory `/home/b22041013' already exists. Not touching this directory.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for b22041013
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
info: Adding new user `b22041013' to supplemental / extra groups `users' ...
info: Adding user `b22041013' to group `users' ...

(root@kali) [/home/kali]
# usermod -g student b22041013

```

```

(root@kali) [/home/kali]
# usermod -g student b22041013

(root@kali) [-kali]
# su b22041013
(b22041013@kali) [/home/kali]
$ whoami
b22041013

(b22041013@kali) [/home/kali]
$ cd ~

(b22041013@kali) [-]
$ pwd
/home/b22041013

(b22041013@kali) [-]
$

```

```

Home Phone []:
Other []:
Is the information correct? [Y/n] y
info: Adding new user `b22041013' to supplemental / extra groups `users' ...
info: Adding user `b22041013' to group `users' ...

(root@kali) [/home/kali]
# usermod -g student b22041013

(root@kali) [-kali]
# su b22041013
(b22041013@kali) [/home/kali]
$ whoami
b22041013

(b22041013@kali) [/home/kali]
$ cd ~

(b22041013@kali) [-]
$ pwd
/home/b22041013

(b22041013@kali) [-]
$ touch Yehepeng.txt

(b22041013@kali) [-]
$ ls -alh
total 64K
2359424 drwx----- 5 b22041013 student 4.0K Dec 13 05:28 .
2359297 drwxr-xr-x 4 root root 4.0K Dec 13 05:25 ..
2361402 -rw-r--r-- 1 b22041013 student 220 Dec 13 05:25 .bash_logout
2361400 -rw-r--r-- 1 b22041013 student 5.5K Dec 13 05:25 .bashrc
2361409 -rw-r--r-- 1 b22041013 student 3.5K Dec 13 05:25 .bashrc.original
2361410 drwxr-xr-x 6 b22041013 student 4.0K Dec 13 05:25 .config
2361421 -rw-r--r-- 1 b22041013 student 12K Dec 13 05:25 .face
2361407 lrwxrwxrwx 1 b22041013 student 5 Dec 13 05:25 .face.icon -> .face
2361403 drwxr-xr-x 3 b22041013 student 4.0K Dec 13 05:25 .java
2361422 drwxr-xr-x 3 b22041013 student 4.0K Dec 13 05:25 .local
2361420 -rw-r--r-- 1 b22041013 student 807 Dec 13 05:25 .profile
2361408 -rw-r--r-- 1 b22041013 student 11K Dec 13 05:25 .zshrc
2361427 -rw-r--r-- 1 b22041013 student 0 Dec 13 05:28 Yehepeng.txt

(b22041013@kali) [-]
$

```

```
kali@kali: ~/Temp

(kali@kali)-[~/Temp]
$ touch demo

(kali@kali)-[~/Temp]
$ chmod 777 demo

(kali@kali)-[~/Temp]
$ ls -l demo
-rwxrwxrwx 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod a-x demo

(kali@kali)-[~/Temp]
$ ls -l demo
-rw-rw-rw- 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod go-w demo

(kali@kali)-[~/Temp]
$ ls -l demo
-rw-r--r-- 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod g+w demo

(kali@kali)-[~/Temp]
$ ls -l demo
-rw-rw-r-- 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod a= demo

(kali@kali)-[~/Temp]
$ ls -l demo
----- 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod +t demo

(kali@kali)-[~/Temp]
$ ls -l
```

```
kali@kali: ~/Temp

$ ls -l demo
-rw-rw-r-- 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod a= demo

(kali@kali)-[~/Temp]
$ ls -l demo
----- 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod +t demo

(kali@kali)-[~/Temp]
$ ls -l
total 0
-----T 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod u+s demo

(kali@kali)-[~/Temp]
$ ls -l
total 0
---S-----T 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod u+rx demo

(kali@kali)-[~/Temp]
$ ls -l
total 0
-r-s-----T 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$ chmod g+rws demo

(kali@kali)-[~/Temp]
$ ls -l
total 0
-r-srws--T 1 kali kali 0 Dec 13 05:31 demo

(kali@kali)-[~/Temp]
$
```

```
kali@kali: ~/Temp

(kali@kali)-[~/Temp]
$ mkdir others

(kali@kali)-[~/Temp]
$ cat /dev/urandom | head -n 1 > others/file1

(kali@kali)-[~/Temp]
$ cat /dev/urandom | head -n 1 > others/file2

(kali@kali)-[~/Temp]
$ tar -czvf backup.tar.gz others
others/
others/file1
others/file2

(kali@kali)-[~/Temp]
$ ls -l
total 8
-rw-rw-r-- 1 kali kali 1547 Dec 13 05:36 backup.tar.gz
drwxrwxr-x 2 kali kali 4096 Dec 13 05:35 others

(kali@kali)-[~/Temp]
$ tar -xzvf backup.tar.gz
others/
others/file1
others/file2

(kali@kali)-[~/Temp]
$ ls -l
total 8
-rw-rw-r-- 1 kali kali 1547 Dec 13 05:36 backup.tar.gz
drwxrwxr-x 2 kali kali 4096 Dec 13 05:35 others

(kali@kali)-[~/Temp]
$ |
```

```
kali@kali: ~

(kali@kali)-[~]
$ cat textfile
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.

(kali@kali)-[~]
$ grep '^n' textfile
no, I study in njupt.

(kali@kali)-[~]
$ grep '\.00$' textfile
this line ends with .00
He is 15. It is 16.00

(kali@kali)-[~]
$ grep '5\...' textfile
He is 15. It is 16.00

(kali@kali)-[~]
$ grep '[wy]' textfile
wy is the short of my name.

(kali@kali)-[~]
$ |
```