```
dtc10@HONORmagic14R7:~$ pwd
/home/dtc10
dtc10@HONORmagic14R7:~$ cd ~
dtc10@HONORmagic14R7:~$ mkdir B22040617
dtc10@HONORmagic14R7:~$ cd B22040617
dtc10@HONORmagic14R7:~/B22040617$ mkdir 周峥锜
dtc10@HONORmagic14R7:~/B22040617$ ls
周峥锜
dtc10@HONORmagic14R7:~/B22040617$ rmdir 周峥锜
dtc10@HONORmagic14R7:~/B22040617$ ls
dtc10@HONORmagic14R7:~/B22040617$
```

```
dtc10@HONORmagic14R7:~$ cd ~
dtc10@HONORmagic14R7:~$ touch 周峥锜.txt
dtc10@HONORmagic14R7:~$ ls
B22040617   IdeaProjects       cpp          lab1      target130                          test.o    周峥锜.txt
Desktop     MagiskOnWSALocal   gadgets.txt  linklab   target130.tar                      test.s    周峥锜2.txt
Downloads   bash               java         python3   target130.tar:Zone.Identifier      yacctest
dtc10@HONORmagic14R7:~$ rm 周峥锜2.txt
dtc10@HONORmagic14R7:~$ cd ~
dtc10@HONORmagic14R7:~$ touch 周峥锜.txt
dtc10@HONORmagic14R7:~$ ls
B22040617   IdeaProjects       cpp          lab1      target130                          test.o    周峥锜.txt
Desktop     MagiskOnWSALocal   gadgets.txt  linklab   target130.tar                      test.s
Downloads   bash               java         python3   target130.tar:Zone.Identifier      yacctest
dtc10@HONORmagic14R7:~$ echo "hello world" > 周峥锜.txt
dtc10@HONORmagic14R7:~$ cat 周峥锜.txt
hello world
dtc10@HONORmagic14R7:~$ cp 周峥锜.txt 周峥锜2.txt
dtc10@HONORmagic14R7:~$ mv 周峥锜.txt B22040617.txt
dtc10@HONORmagic14R7:~$ ls
B22040617       Downloads          bash         java      python3                        target130.tar:Zone.Identifier   yacctest
B22040617.txt   IdeaProjects       cpp          lab1      target130                      test.o                          周峥锜2.txt
Desktop         MagiskOnWSALocal   gadgets.txt  linklab   target130.tar                  test.s
```

```
dtc10@HONORmagic14R7:/home$ whoami
dtc10
dtc10@HONORmagic14R7:/home$ sudo su root
[sudo] password for dtc10:
root@HONORmagic14R7:/home# groupadd student
root@HONORmagic14R7:/home# whoami
root
root@HONORmagic14R7:/home# adduser b22040617
Adding user `b22040617' ...
Adding new group `b22040617' (1003) ...
Adding new user `b22040617' (1001) with group `b22040617' ...
Creating home directory `/home/b22040617' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for b22040617
Enter the new value, or press ENTER for the default
        Full Name []: B22040617
        Room Number []:
        Work Phone []:
        Home Phone []:
        Other []: B22040617
Is the information correct? [Y/n] Y
root@HONORmagic14R7:/home# usermod -g student b22040617
root@HONORmagic14R7:/home# su b22040617
b22040617@HONORmagic14R7:/home$ cd ~
b22040617@HONORmagic14R7:~$ touch 周峥锜.txt
b22040617@HONORmagic14R7:~$ ls -l
total 0
-rw-r--r-- 1 b22040617 student 0 Oct 14 10:05 周峥锜.txt
```

```
b22040617@HONORmagic14R7:~$ touch demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
-rw-r--r-- 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod 777 demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
-rwxrwxrwx 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod a-x demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
-rw-rw-rw- 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod go-w demo
```

```
b22040617@HONORmagic14R7:~$ ls -l
total 0
-rw-r--r-- 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod g+w demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
-rw-rw-r-- 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod a=    demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
---------- 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod +t demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
---------T 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod u+s demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
---S-----T 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod u+rx demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
-r-s-----T 1 b22040617 student 0 Oct 14 10:07 demo
b22040617@HONORmagic14R7:~$ chmod g+rws demo
b22040617@HONORmagic14R7:~$ ls -l
total 0
-r-srwS--T 1 b22040617 student 0 Oct 14 10:07 demo
```

```
b22040617@HONORmagic14R7:~$ mkdir others
b22040617@HONORmagic14R7:~$ touch ./others/hellopy.py
b22040617@HONORmagic14R7:~$ touch ./others/hellojava.java
b22040617@HONORmagic14R7:~$ cd others
b22040617@HONORmagic14R7:~/others$ ls
hellojava.java   hellopy.py
b22040617@HONORmagic14R7:~/others$ cd ../
b22040617@HONORmagic14R7:~$ tar -czvf backup.tar.gz others
others/
others/hellopy.py
others/hellojava.java
b22040617@HONORmagic14R7:~$ ls -l
total 8
-rw-r--r-- 1 b22040617 student  182 Oct 14 10:11 backup.tar.gz
drwxr-xr-x 2 b22040617 student 4096 Oct 14 10:11 others
b22040617@HONORmagic14R7:~$ touch textfile
b22040617@HONORmagic14R7:~$ echo "no, I study in njupt." >> textfile
b22040617@HONORmagic14R7:~$ echo "this line ends with 00" >> textfile
b22040617@HONORmagic14R7:~$ echo "this line ends with .00" >> textfile
b22040617@HONORmagic14R7:~$ echo "I am 25 years old." >> textfile
b22040617@HONORmagic14R7:~$ echo "He is 15. It is 16.00" >> textfile
b22040617@HONORmagic14R7:~$ echo "wy is the short of my name." >> textfil
e
b22040617@HONORmagic14R7:~$ 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.
```

```
b22040617@HONORmagic14R7:~$ grep '^[wy]' textfile
wy is the short of my name.
b22040617@HONORmagic14R7:~$ grep '5\..' textfile
He is 15. It is 16.00
b22040617@HONORmagic14R7:~$ grep '\.00$' textfile
this line ends with .00
He is 15. It is 16.00
b22040617@HONORmagic14R7:~$ grep '^n' textfile
no, I study in njupt.
```

```
b22040617@HONORmagic14R7:~$ tar -czvf backup.tar.gz others
others/
others/hellopy.py
others/hellojava.java
b22040617@HONORmagic14R7:~$ ls -l
total 12
-rw-r--r-- 1 b22040617 student  182 Oct 14 10:22 backup.tar.gz
drwxr-xr-x 2 b22040617 student 4096 Oct 14 10:11 others
-rw-r--r-- 1 b22040617 student  138 Oct 14 10:15 textfile
b22040617@HONORmagic14R7:~$ tar  -xzvf  backup.tar.gz
others/
others/hellopy.py
others/hellojava.java
b22040617@HONORmagic14R7:~$ ls -l
total 12
-rw-r--r-- 1 b22040617 student  182 Oct 14 10:22 backup.tar.gz
drwxr-xr-x 2 b22040617 student 4096 Oct 14 10:11 others
-rw-r--r-- 1 b22040617 student  138 Oct 14 10:15 textfile
```