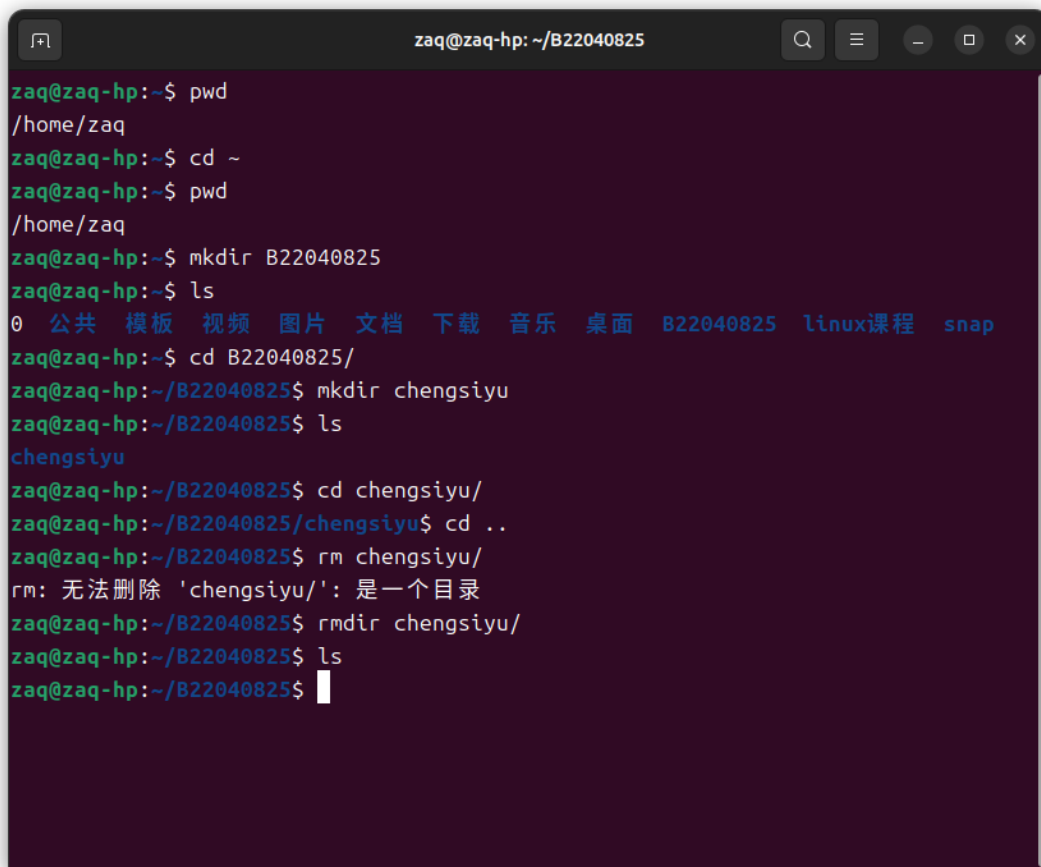
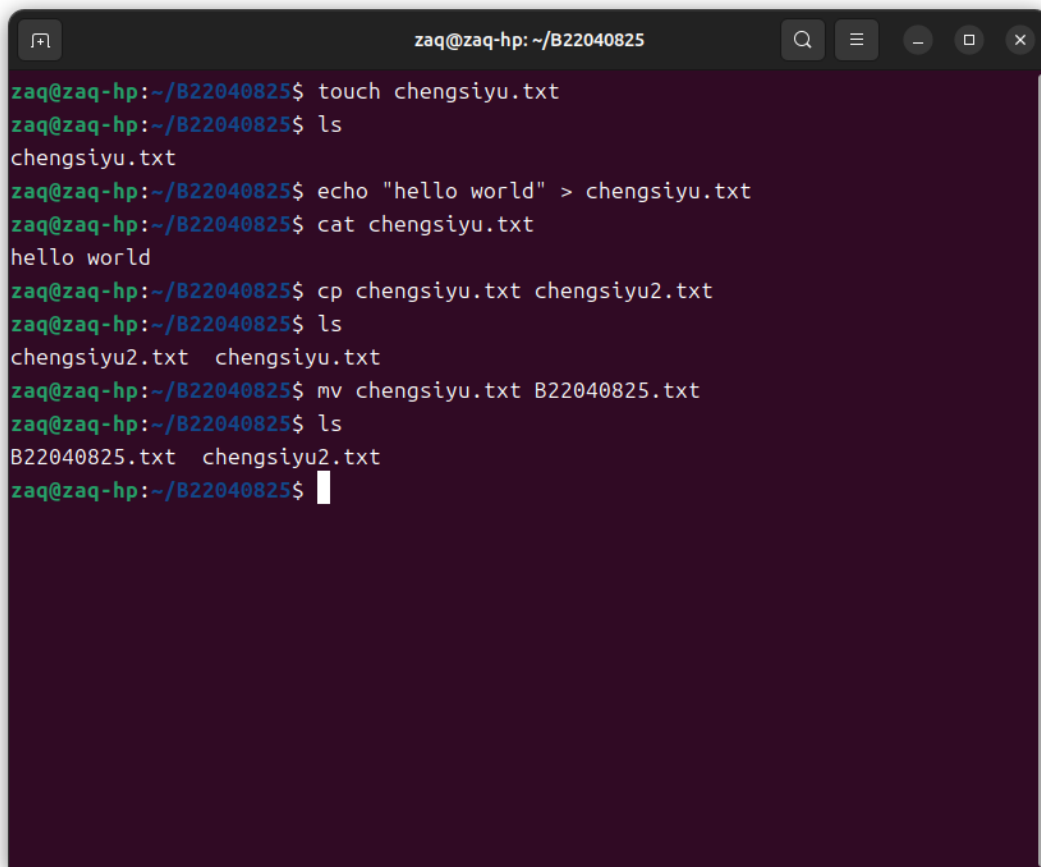


## (1) Directory Operation



```
zaq@zaq-hp: ~/B22040825
zaq@zaq-hp:~$ pwd
/home/zaq
zaq@zaq-hp:~$ cd ~
zaq@zaq-hp:~$ pwd
/home/zaq
zaq@zaq-hp:~$ mkdir B22040825
zaq@zaq-hp:~$ ls
0 公共 模板 视频 图片 文档 下载 音乐 桌面 B22040825 linux课程 snap
zaq@zaq-hp:~$ cd B22040825/
zaq@zaq-hp:~/B22040825$ mkdir chengsiyu
zaq@zaq-hp:~/B22040825$ ls
chengsiyu
zaq@zaq-hp:~/B22040825$ cd chengsiyu/
zaq@zaq-hp:~/B22040825/chengsiyu$ cd ..
zaq@zaq-hp:~/B22040825$ rm chengsiyu/
rm: 无法删除 'chengsiyu/': 是一个目录
zaq@zaq-hp:~/B22040825$ rmdir chengsiyu/
zaq@zaq-hp:~/B22040825$ ls
zaq@zaq-hp:~/B22040825$
```

## (2) File operation

A terminal window with a dark background and light green text. The window title is 'zaq@zaq-hp: ~/B22040825'. It shows a series of commands and their outputs for file operations: creating a file, listing files, writing to a file, copying, and moving files.

```
zaq@zaq-hp:~/B22040825$ touch chengsiyu.txt
zaq@zaq-hp:~/B22040825$ ls
chengsiyu.txt
zaq@zaq-hp:~/B22040825$ echo "hello world" > chengsiyu.txt
zaq@zaq-hp:~/B22040825$ cat chengsiyu.txt
hello world
zaq@zaq-hp:~/B22040825$ cp chengsiyu.txt chengsiyu2.txt
zaq@zaq-hp:~/B22040825$ ls
chengsiyu2.txt  chengsiyu.txt
zaq@zaq-hp:~/B22040825$ mv chengsiyu.txt B22040825.txt
zaq@zaq-hp:~/B22040825$ ls
B22040825.txt  chengsiyu2.txt
zaq@zaq-hp:~/B22040825$
```

### (3) User Management

```
b22040825@zaq-hp: ~  
重新输入新的密码：  
抱歉，密码不匹配。  
新的密码：  
重新输入新的密码：  
passwd: 已成功更新密码  
正在改变 b22040825 的用户信息  
请输入新值，或直接敲回车键以使用默认值  
    全名 []:  
    房间号码 []:  
    工作电话 []:  
    家庭电话 []:  
    其它 []:  
这些信息是否正确? [Y/n] t  
这些信息是否正确? [Y/n] y  
info: 正在添加新用户 "b22040825"到附加组"users" ...  
info: 正在添加用户 "b22040825"到"users"组...  
root@zaq-hp:/home/zaq/B22040825# usermod -g student b22040825  
root@zaq-hp:/home/zaq/B22040825# su b22040825  
b22040825@zaq-hp:/home/zaq/B22040825$ cd ~  
b22040825@zaq-hp:~$ touch chengsiyu.txt  
b22040825@zaq-hp:~$ ls -l  
总计 0  
-rw-r--r-- 1 b22040825 student 0 10月 14 10:08 chengsiyu.txt  
b22040825@zaq-hp:~$
```

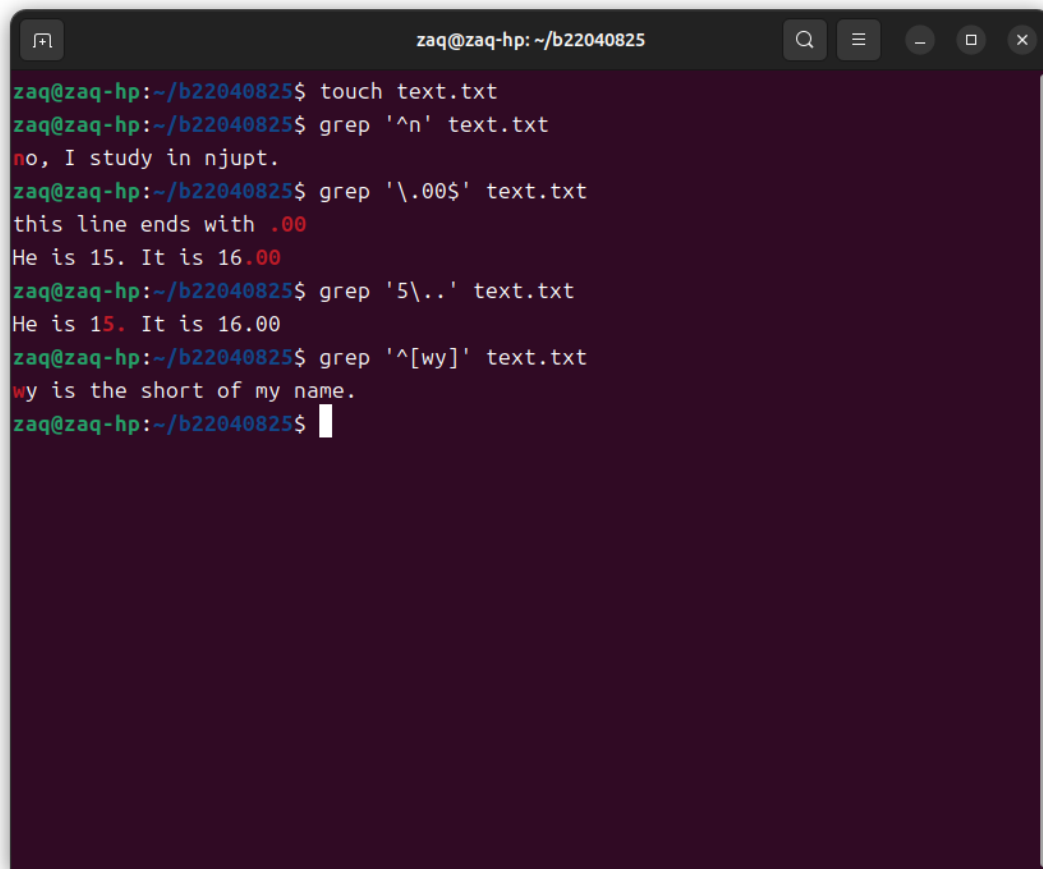
#### (4) Permission management

```
zaq@zaq-hp: ~/b22040825
zaq@zaq-hp:~/b22040825$ ls -l
总计 0
-rw-rw-r-- 1 zaq zaq 0 10月 14 10:13 demo
zaq@zaq-hp:~/b22040825$ chmod a= demo
zaq@zaq-hp:~/b22040825$ ls -l
总计 0
----- 1 zaq zaq 0 10月 14 10:13 demo
zaq@zaq-hp:~/b22040825$ chmod +t demo
zaq@zaq-hp:~/b22040825$ ls -l
总计 0
-----T 1 zaq zaq 0 10月 14 10:13 demo
zaq@zaq-hp:~/b22040825$ chmod u+s demo
zaq@zaq-hp:~/b22040825$ ls -l
总计 0
---S-----T 1 zaq zaq 0 10月 14 10:13 demo
zaq@zaq-hp:~/b22040825$ chmod u+rx demo
zaq@zaq-hp:~/b22040825$ ls -l
总计 0
-r-s-----T 1 zaq zaq 0 10月 14 10:13 demo
zaq@zaq-hp:~/b22040825$ chmod g+rws demo
zaq@zaq-hp:~/b22040825$ ls -l
总计 0
-r-srwS--T 1 zaq zaq 0 10月 14 10:13 demo
zaq@zaq-hp:~/b22040825$
```

(5) Other management (page1)

```
zaq@zaq-hp: ~  
-rw-rw-r-- 1 zaq zaq 247 10月 14 10:18 backup.tar.gz  
drwxrwxr-x 2 zaq zaq 4096 10月 12 11:19 linux课程  
drwxrwxr-x 2 zaq zaq 4096 10月 14 10:18 others  
drwx----- 7 zaq zaq 4096 10月 14 2024 snap  
zaq@zaq-hp:~$ tar -xzf backup.tar.gz  
others/  
others/backup.tar.gz  
others/2.txt  
others/1.txt  
zaq@zaq-hp:~$ ls -l  
总计 48  
drwxr-xr-x 2 zaq zaq 4096 9月 10 14:33 公共  
drwxr-xr-x 2 zaq zaq 4096 9月 10 14:33 模板  
drwxr-xr-x 2 zaq zaq 4096 9月 10 14:33 视频  
drwxr-xr-x 3 zaq zaq 4096 10月 14 2024 图片  
drwxr-xr-x 2 zaq zaq 4096 9月 10 14:33 文档  
drwxr-xr-x 5 zaq zaq 4096 10月 3 14:42 下载  
drwxr-xr-x 2 zaq zaq 4096 9月 10 14:33 音乐  
drwxr-xr-x 2 zaq zaq 4096 9月 10 14:33 桌面  
-rw-rw-r-- 1 zaq zaq 247 10月 14 10:18 backup.tar.gz  
drwxrwxr-x 2 zaq zaq 4096 10月 12 11:19 linux课程  
drwxrwxr-x 2 zaq zaq 4096 10月 14 10:18 others  
drwx----- 7 zaq zaq 4096 10月 14 2024 snap  
zaq@zaq-hp:~$
```

(5) Other management (page2)



```
zaq@zaq-hp: ~/b22040825
zaq@zaq-hp:~/b22040825$ touch text.txt
zaq@zaq-hp:~/b22040825$ grep '^n' text.txt
no, I study in njupt.
zaq@zaq-hp:~/b22040825$ grep '\.00$' text.txt
this line ends with .00
He is 15. It is 16.00
zaq@zaq-hp:~/b22040825$ grep '5\..' text.txt
He is 15. It is 16.00
zaq@zaq-hp:~/b22040825$ grep '^[wy]' text.txt
wy is the short of my name.
zaq@zaq-hp:~/b22040825$
```