（1）Directory Operation

Enter the following commands in sequence:

$pwd

$cd ~

$mkdir your_studentID

$cd your_studentID

$mkdir your_name

$ls

$rmdir your_name

$ls

```
blueberry@blueberry-VMware-Virtual-Platform:~/桌面$ pwd
/home/blueberry/桌面
blueberry@blueberry-VMware-Virtual-Platform:~/桌面$ cd ~
blueberry@blueberry-VMware-Virtual-Platform:~$ mkdir B22040818
blueberry@blueberry-VMware-Virtual-Platform:~$ cd B22040818
blueberry@blueberry-VMware-Virtual-Platform:~/B22040818$ mkdir linyisen
blueberry@blueberry-VMware-Virtual-Platform:~/B22040818$ ls
linyisen
blueberry@blueberry-VMware-Virtual-Platform:~/B22040818$ rmdir linyisen
blueberry@blueberry-VMware-Virtual-Platform:~/B22040818$ ls
blueberry@blueberry-VMware-Virtual-Platform:~/B22040818$
```

(2) File operation

Enter the following commands in sequence:

$pwd

$cd ~

$mkdir your_studentID

$cd your_studentID

$mkdir your_name

$ls

$rmdir your_name

$ls

$cd ~

$touch yourname.txt

$ls

$echo "hello world" > yourname.txt

$cat yourname.txt

$cp yourname.txt yourname2.txt

$mv yourname.txt yourstudentid.txt

$ls

```
blueberry@blueberry-VMware-Virtual-Platform:~$ cd ~
blueberry@blueberry-VMware-Virtual-Platform:~$ touch linyisen.txt
blueberry@blueberry-VMware-Virtual-Platform:~$ ls
公共   图片   音乐        B22040818.txt  file2        snap
模板   文档   桌面        backup.tar.gz  linyisen.txt  test.txt
视频   下载   B22040818  file1          others
blueberry@blueberry-VMware-Virtual-Platform:~$ echo "hello world" > linyisen.txt
blueberry@blueberry-VMware-Virtual-Platform:~$ cat linyisen.txt
hello world
blueberry@blueberry-VMware-Virtual-Platform:~$ cp linyisen.txt linyisen2.txt
blueberry@blueberry-VMware-Virtual-Platform:~$ $mv linyisen.txt B22040818.txt
linyisen.txt: 未找到命令
blueberry@blueberry-VMware-Virtual-Platform:~$ mv linyisen.txt B22040818.txt
blueberry@blueberry-VMware-Virtual-Platform:~$ ls
公共   图片   音乐        B22040818.txt  file2        snap
模板   文档   桌面        backup.tar.gz  linyisen2.txt  test.txt
视频   下载   B22040818  file1          others
blueberry@blueberry-VMware-Virtual-Platform:~$
```

(3)User Management

```
blueberry@blueberry-VMware-Virtual-Platform:~$ whoami
blueberry
blueberry@blueberry-VMware-Virtual-Platform:~$ sudo su root
[sudo] blueberry 的密码：
root@blueberry-VMware-Virtual-Platform:/home/blueberry# groupadd student
groupadd: "student"组已存在
root@blueberry-VMware-Virtual-Platform:/home/blueberry# whoami
root
root@blueberry-VMware-Virtual-Platform:/home/blueberry# adduser B22040818
err: Please enter a username matching the regular expression
        configured via the NAME_REGEX configuration variable.  Use the
        `--allow-bad-names' option to relax this check or reconfigure
        NAME_REGEX in configuration.
root@blueberry-VMware-Virtual-Platform:/home/blueberry# usermod -g student B2204
0818
usermod: 用户"B22040818"不存在
root@blueberry-VMware-Virtual-Platform:/home/blueberry# adduser b22040818
info: 正在添加用户"b22040818"...
info: 从 1000 到 59999 中选择 UID/GID...
info: 正在添加新组"b22040818" (1004)...
info: 正在添加新用户"b22040818" (1004) 到组"b22040818 (1004)"...
info: 创建主目录"/home/b22040818"...
info: 正在从"/etc/skel"复制文件...
新的密码：
```

```
重新输入新的密码:
passwd: 已成功更新密码
正在改变 b22040818 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] y
info: 正在添加新用户"b22040818"到附加组"users" ...
info: 正在添加用户"b22040818"到"users"组...
root@blueberry-VMware-Virtual-Platform:/home/blueberry# usermod -g student B2204
0818
usermod: 用户"B22040818"不存在
root@blueberry-VMware-Virtual-Platform:/home/blueberry# usermod -g student b2204
0818
root@blueberry-VMware-Virtual-Platform:/home/blueberry# su b22040818
b22040818@blueberry-VMware-Virtual-Platform:/home/blueberry$ cd ~
b22040818@blueberry-VMware-Virtual-Platform:~$ touch linyisen.txt
b22040818@blueberry-VMware-Virtual-Platform:~$ ls -l
总计 0
-rw-r--r-- 1 b22040818 student 0 12月  9 10:14 linyisen.txt
b22040818@blueberry-VMware-Virtual-Platform:~$
```

(4) Permission management

```
blueberry@blueberry-VMware-Virtual-Platform:~$ grep '^n' test.txt
no, I study in njupt.
blueberry@blueberry-VMware-Virtual-Platform:~$ grep '\.00$' test.txt
this line ends with .00
He is 15. It is 16.00
blueberry@blueberry-VMware-Virtual-Platform:~$ grep '5\..' test.txt
He is 15. It is 16.00
blueberry@blueberry-VMware-Virtual-Platform:~$ grep '^[wy]' test.txt
wy is the short of my name.
blueberry@blueberry-VMware-Virtual-Platform:~$
```