

# 实验一 linux 常用命令实验

## 实验目的

1. 熟悉 linux 常用命令；
2. 掌握 linux 常用命令参数。

## 实验内容

### 目录操作命令练习

```
# ls
# mkdir test1;mkdir test2
# ls
test1 test2
# mv test1 temp1
# mv temp1 test2
# cd test2
# cp -r temp1 ../
# cd ..
# ls
temp1 test2
# ls -a
. .. temp1 test2
# ls -al
total 0
drwxrwxrwx 1 root root 4096 Mar 11 16:26 .
drwxrwxrwx 1 root root 4096 Mar 11 16:25 ..
drwxrwxrwx 1 root root 4096 Mar 11 16:26 temp1
drwxrwxrwx 1 root root 4096 Mar 11 16:26 test2
# rm -rf test2
#
```

### 4. 文件操作命令练习

```
# touch testFile.txt
# vim testFile.txt
# cat ./testFile.txt
It'a test file.
# more ./testFile.txt
It'a test file.
```

```
# touch testFile.txt
# vim testFile.txt
# cat ./testFile.txt
It'a test file.
# more ./testFile.txt
It'a test file.
# less ./testFile.txt
# tail ./testFile.txt
It'a test file.
#
```

其中 less 命令会进入一个交互式的界面:

[illegible]

压缩文件:

```
It's a test file.  
# tar -zcvf test.tar *  
temp1/  
testFile.txt  
# ls  
temp1  test.tar  testFile.txt  
#
```

文件查找:

```
temp1 test.tar testFile.txt  
# grep -rn test  
testFile.txt:1:It's a test file.  
# find . -name "test*"  
# find . -name "test"  
# find . -name "test*"  
./test.tar  
./testFile.txt  
#
```