

## 第二周学习报告

### 1、命令行与文件系统的应用与操作

```
74567@DESKTOP-N5CDCLE MINGW64 ~  
$ ls  
'3D Objects'/  
AppData/  
'Application Data'@  
Contacts/  
Cookies@  
Desktop/  
Documents/  
Downloads/  
Favorites/  
IntelGraphicsProfiles/  
Links/  
'Local Settings'@  
MicrosoftEdgeBackups/  
Music/  
'My Documents'@  
NTUSER.DAT  
NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TM.blf  
NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TMContainer00000000000000000000  
1.regtrans-ms  
NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TMContainer00000000000000000000  
2.regtrans-ms  
Nethood@  
OneDrive/  
PCManager/  
Pictures/  
PrintHood@  
Recent@  
Roaming/  
'Saved Games'/  
Searches/  
SendTo@  
Templates@  
UIDownloader/  
Videos/  
'WPS Cloud Files'/  
ado/  
anse1/  
ntuser.dat.LOG1  
ntuser.dat.LOG2  
ntuser.ini  
repo/  
「开始」菜单@  
  
74567@DESKTOP-N5CDCLE MINGW64 ~  
$ .....
```

```

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ pwd
/c/Users/74567/Desktop

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ ls
1/
A股盈余管理程度计算结果.xlsx
Excel.lnk*
'IDLE (Python 3.11 64-bit) (2).lnk'*
PowerPoint.lnk*
'Stata 18 MP 64位 (压缩文件解压先) '/
'Stata 18 MP 64位 (压缩文件解压先) .zip'
'StataMP-64 - 快捷方式.lnk'*
Word.lnk*
abc.txt
code.xlsx
desktop.ini
scholar-2.enw
shenzhenholiday.xlsx
实习资料/
导师任务安排/
'张艺冉 报道'/
戴师兄数据分析启蒙课_Excel练习.xlsx
控制变量2000-2023已剔除已缩尾.xlsx
深圳成指月份效应/
深圳成指节日效应/
独立董事与上市公司盈余信息质量_胡奕明.pdf
独立董事出席会议.xlsx
'独立董事出席会议情况文件170857265(仅供首都经济贸易大学使用).zip'
王萍.rar
百度网盘.lnk*
研一上学期作业汇总文件夹/
简历.docx
简历.pdf
简历1.pdf
节日效应/
节日效应.zip
董事高管责任险、独立董事履...A股上市公司数据的实证分析_荆春棋.pdf
董责险.xlsx
'董责险投保信息统计表171210638(仅供首都经济贸易大学使用).zip'
论文分析/
财务报表/
面板数据.xlsx

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cat abc.txt
hello

```

Ctrl s 保存后才可以看到

```

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cat abc.txt
hello

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cat abc.txt
hello world

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cat abc.txt
hello world
goodbye
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$

```

\$ cd .. 代表上一级文件夹

```

74567@DESKTOP-N5CDCLE MINGW64 ~/Downloads
$ pwd
/c/Users/74567/Downloads

74567@DESKTOP-N5CDCLE MINGW64 ~/Downloads
$ ls
'Anaconda3-2024.10-1-Windows-x86_64 (1).exe'*
Anaconda3-2024.10-1-Windows-x86_64.exe*
BaiduNetdisk_7.44.5.2.exe*
BrowserInstaller_80003.exe*
'Git-2.48.1-64-bit (1).exe'*
Git-2.48.1-64-bit.exe*
Office_2024.zip
VSCodeUserSetup-x64-1.97.2.exe*
VSCodeUserSetup-x64-1.98.0.exe*
ZhiyunTrans_setup8.5E.exe*
desktop.ini
i4Remote_v1.2.5_Setup_x64_700001.exe*
i4Tools8_v8.27_Setup_x64.exe*
iTunes64Setup.exe*
屏幕截图_15-11-2024_195649_human.amac.org.cn.jpeg
总市值前20名.xlsx
指数列表.xlsx
附件：沪市上市公司信息披露工作评价结果（2023-2024）.pdf

74567@DESKTOP-N5CDCLE MINGW64 ~/Downloads
$ ls
'Anaconda3-2024.10-1-Windows-x86_64 (1).exe'*
Anaconda3-2024.10-1-Windows-x86_64.exe*
BaiduNetdisk_7.44.5.2.exe*
BrowserInstaller_80003.exe*
'Git-2.48.1-64-bit (1).exe'*
Git-2.48.1-64-bit.exe*
Office_2024.zip
VSCodeUserSetup-x64-1.97.2.exe*
VSCodeUserSetup-x64-1.98.0.exe*
ZhiyunTrans_setup8.5E.exe*
abc.txt
desktop.ini
i4Remote_v1.2.5_Setup_x64_700001.exe*
i4Tools8_v8.27_Setup_x64.exe*
iTunes64Setup.exe*
屏幕截图_15-11-2024_195649_human.amac.org.cn.jpeg
总市值前20名.xlsx
指数列表.xlsx
附件：沪市上市公司信息披露工作评价结果（2023-2024）.pdf

74567@DESKTOP-N5CDCLE MINGW64 ~/Downloads
$ cat abc.txt
hello world
goodbye
74567@DESKTOP-N5CDCLE MINGW64 ~/Downloads
$

```

\$ cd ../Documents 返回上一级的 Documents 文件  
/ 根目录

```

4567@DESKTOP-N5CDCLE MINGW64 ~
$ cd /

4567@DESKTOP-N5CDCLE MINGW64 /
$ ls
LICENSE.txt          cmd/  git-bash.exe*  proc/  unins000.exe*
releaseNotes.html   dev/  git-cmd.exe*   tmp/   unins000.msg
in/                  etc/  mingw64/       unins000.dat  usr/

4567@DESKTOP-N5CDCLE MINGW64 /
$

```

路径：绝对路径，相对路径

绝对路径：

```
74567@DESKTOP-N5CDCLE MINGW64 /  
$ cat abc.txt  
cat: abc.txt: No such file or directory  
  
74567@DESKTOP-N5CDCLE MINGW64 /  
$ cat /c/Users/74567/Desktop/abc.txt  
hello world  
goodbye  
74567@DESKTOP-N5CDCLE MINGW64 /  
$ pwd  
/  
/
```

相对路径：

```
74567@DESKTOP-N5CDCLE MINGW64 /  
$ cat aaa  
cat: aaa: No such file or directory  
  
74567@DESKTOP-N5CDCLE MINGW64 /  
$ ls  
LICENSE.txt          cmd/  git-bash.exe*  proc/  unins000.exe*  
ReleaseNotes.html   dev/  git-cmd.exe*   tmp/   unins000.msg  
bin/                 etc/  mingw64/       unins000.dat  usr/  
  
74567@DESKTOP-N5CDCLE MINGW64 /  
$ cat LICENSE.txt  
  
Note that the only valid version of the GPL as far as this project  
is concerned is _this_ particular version of the license (ie v2, not  
v2.2 or v3.x or whatever), unless explicitly otherwise stated.  
  
HOWEVER, in order to allow a migration to GPLv3 if that seems like  
a good idea, I also ask that people involved with the project make  
their preferences known. In particular, if you trust me to make that  
decision, you might note so in your copyright message, ie something  
like
```

Unix 路径：/做分隔

Windows 路径：\做分隔，无根目录的概念

```

74567@DESKTOP-N5CDCLE MINGW64 ~
$ ls -al
total 22144
drwxr-xr-x 1 74567 197609 0 Mar 12 16:10 ./
drwxr-xr-x 1 74567 197609 0 Nov 28 18:19 ../
drwxr-xr-x 1 74567 197609 0 Mar 5 17:40 .anaconda/
drwxr-xr-x 1 74567 197609 0 Mar 5 17:56 .conda/
-rw-r--r-- 1 74567 197609 146 Mar 5 17:41 .condarc
drwxr-xr-x 1 74567 197609 0 Mar 5 17:40 .continuum/
-rw-r--r-- 1 74567 197609 195 Mar 8 16:48 .gitconfig
drwxr-xr-x 1 74567 197609 0 Sep 18 19:14 .idlerc/
drwxr-xr-x 1 74567 197609 0 Mar 8 14:30 .ipython/
-rw-r--r-- 1 74567 197609 20 Mar 8 17:03 .lessht
drwxr-xr-x 1 74567 197609 0 Mar 8 15:07 .ssh/
drwxr-xr-x 1 74567 197609 0 Mar 5 17:20 .vscode/
drwxr-xr-x 1 74567 197609 0 Apr 30 2023 '3D Objects'/
drwxr-xr-x 1 74567 197609 0 Nov 28 18:22 AppData/
lrwxrwxrwx 1 74567 197609 30 Nov 28 18:19 'Application Data' -> /c/Users/74567/AppData/Roaming/
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 Contacts/
lrwxrwxrwx 1 74567 197609 58 Nov 28 18:19 Cookies -> /c/Users/74567/AppData/Local/Microsoft/Windows/INetCookies/
drwxr-xr-x 1 74567 197609 0 Mar 15 15:09 Desktop/
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 Documents/
drwxr-xr-x 1 74567 197609 0 Mar 15 15:00 Downloads/
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 Favorites/
drwxr-xr-x 1 74567 197609 0 Mar 15 12:01 IntelGraphicsProfiles/
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 Links/
lrwxrwxrwx 1 74567 197609 28 Nov 28 18:19 'Local Settings' -> /c/Users/74567/AppData/Local/
drwxr-xr-x 1 74567 197609 0 Feb 5 2020 MicrosoftEdgeBackups/
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 Music/
lrwxrwxrwx 1 74567 197609 24 Nov 28 18:19 'My Documents' -> /c/Users/74567/Documents/
-rw-r--r-- 1 74567 197609 14417920 Mar 12 18:55 NTUSER.DAT
-rw-r--r-- 1 74567 197609 65536 Nov 28 18:19 NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TM.b1f
-rw-r--r-- 1 74567 197609 524288 Nov 28 18:19 NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TMContainer00000000000000000001.regtrans-ms
-rw-r--r-- 1 74567 197609 524288 Nov 28 18:19 NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TMContainer00000000000000000002.regtrans-ms
lrwxrwxrwx 1 74567 197609 66 Nov 28 18:19 NetHood -> 'c:/Users/74567/AppData/Roaming/Microsoft/Windows/Network Shortcuts/'
drwxr-xr-x 1 74567 197609 0 Mar 15 12:04 OneDrive/
drwxr-xr-x 1 74567 197609 0 Feb 2 2024 PCManager/
drwxr-xr-x 1 74567 197609 0 Dec 7 11:15 Pictures/
lrwxrwxrwx 1 74567 197609 66 Nov 28 18:19 PrintHood -> 'c:/Users/74567/AppData/Roaming/Microsoft/Windows/Printer Shortcuts/'
lrwxrwxrwx 1 74567 197609 55 Nov 28 18:19 Recent -> /c/Users/74567/AppData/Roaming/Microsoft/Windows/Recent/

```

开头 d 代表文件夹，- 表示普通文件，l 表示符号链接（快捷方式）  
后面的字母表示权限 r-可读、w-可写、x-可运行等。

```

74567@DESKTOP-N5CDCLE MINGW64 ~
$ ls -lh
total 20M
drwxr-xr-x 1 74567 197609 0 Apr 30 2023 '3D Objects'/
drwxr-xr-x 1 74567 197609 0 Nov 28 18:22 'AppData/'
lrwxrwxrwx 1 74567 197609 30 Nov 28 18:19 'Application Data' -> /c/Users/74567/AppData/Roaming/
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 'Contacts/'
lrwxrwxrwx 1 74567 197609 58 Nov 28 18:19 'Cookies' -> /c/Users/74567/AppData/Local/Microsoft/Windows/INetCookies/
drwxr-xr-x 1 74567 197609 0 Mar 15 15:09 'Desktop/'
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 'Documents/'
drwxr-xr-x 1 74567 197609 0 Mar 15 15:00 'Downloads/'
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 'Favorites/'
drwxr-xr-x 1 74567 197609 0 Mar 15 12:01 'IntelGraphicsProfiles/'
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 'Links/'
lrwxrwxrwx 1 74567 197609 28 Nov 28 18:19 'Local Settings' -> /c/Users/74567/AppData/Local/
drwxr-xr-x 1 74567 197609 0 Feb 5 2020 'MicrosoftEdgeBackups/'
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 'Music/'
lrwxrwxrwx 1 74567 197609 24 Nov 28 18:19 'My Documents' -> /c/Users/74567/Documents/
-rw-r--r-- 1 74567 197609 14M Mar 12 18:55 NTUSER.DAT
-rw-r--r-- 1 74567 197609 64K Nov 28 18:19 NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TM
.blf
-rw-r--r-- 1 74567 197609 512K Nov 28 18:19 NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TM
Container00000000000000000001.regtrans-ms
-rw-r--r-- 1 74567 197609 512K Nov 28 18:19 NTUSER.DAT{24167a6b-ad72-11ef-9350-d5bd7a123573}.TM
Container00000000000000000002.regtrans-ms
lrwxrwxrwx 1 74567 197609 66 Nov 28 18:19 'NetHood' -> '/c/Users/74567/AppData/Roaming/Microsoft/Windows/Network Shortcuts/'
drwxr-xr-x 1 74567 197609 0 Mar 15 12:04 'OneDrive/'
drwxr-xr-x 1 74567 197609 0 Feb 2 2024 'PCManager/'
drwxr-xr-x 1 74567 197609 0 Dec 7 11:15 'Pictures/'
lrwxrwxrwx 1 74567 197609 66 Nov 28 18:19 'PrintHood' -> '/c/Users/74567/AppData/Roaming/Microsoft/Windows/Printer Shortcuts/'
lrwxrwxrwx 1 74567 197609 55 Nov 28 18:19 'Recent' -> /c/Users/74567/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 74567 197609 0 Jan 21 2020 'Roaming/'
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 'Saved Games/'
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 'Searches/'
lrwxrwxrwx 1 74567 197609 55 Nov 28 18:19 'SendTo' -> /c/Users/74567/AppData/Roaming/Microsoft/Windows/SendTo/
lrwxrwxrwx 1 74567 197609 58 Nov 28 18:19 'Templates' -> /c/Users/74567/AppData/Roaming/Microsoft/Windows/Templates/
drwxr-xr-x 1 74567 197609 0 Jun 19 2020 'UIDowner/'
drwxr-xr-x 1 74567 197609 0 Nov 29 10:57 'Videos/'
drwxr-xr-x 1 74567 197609 0 Sep 29 17:57 'WPS Cloud Files/'
drwxr-xr-x 1 74567 197609 0 Mar 12 16:10 'ado/'
drwxr-xr-x 1 74567 197609 0 Jan 21 2022 'ansel/'
-rw-r--r-- 1 74567 197609 3.6M Nov 28 18:19 ntuser.dat.LOG1
-rw-r--r-- 1 74567 197609 640K Nov 28 18:19 ntuser.dat.LOG2
-rw-r--r-- 1 74567 197609 20 Nov 29 10:56 ntuser.ini

```

## 2. cp 命令 mv 命令

复制文件

```

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cat abc.txt
aaabbbccc
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cp abc.txt ../Downloads/
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cp abc.txt ../Downloads/xyz.txt

```

复制文件夹

```

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ ls -l store
total 1
-rw-r--r-- 1 74567 197609 9 Mar 15 16:04 abc.txt
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cp -r store ../Downloads/
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cp -r store ../Downloads/store2
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$

```

移动文件

```

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ mv ../Downloads/xyz.txt ./
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ mv ../Downloads/store2 ./

```

### 3. 使用 mkdir 命令创建一个名为 myproject 的新文件夹

```
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ mkdir myproject

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ ls -l
total 750704
drwxr-xr-x 1 74567 197609      0 Nov 25 15:50 1/
-rw-r--r-- 1 74567 197609 6364636 Mar 12 18:26 A股盈余管理程度计算结果.xlsx
-rwxr-xr-x 1 74567 197609    2334 Sep 29 19:09 Excel.lnk*
-rwxr-xr-x 1 74567 197609    1742 Sep 18 19:16 'IDLE (Python 3.11 64-bit) (2).lnk'*
-rwxr-xr-x 1 74567 197609    2359 Sep 29 19:09 PowerPoint.lnk*
drwxr-xr-x 1 74567 197609      0 Sep 16 21:43 'Stata 18 MP 64位 (压缩文件解压先) '/'
-rw-r--r-- 1 74567 197609 703801306 Sep 16 20:12 'Stata 18 MP 64位 (压缩文件解压先).zip'
-rwxr-xr-x 1 74567 197609     970 Sep 16 21:51 'StataMP-64 - 快捷方式.lnk'*
-rwxr-xr-x 1 74567 197609    2360 Sep 29 19:09 Word.lnk*
-rw-r--r-- 1 74567 197609      9 Mar 15 16:04 abc.txt
-rw-r--r-- 1 74567 197609 343393 Mar 12 17:08 code.xlsx

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ ls -alh myproject/
total 33K
drwxr-xr-x 1 74567 197609 0 Mar 15 16:24 ./
drwxr-xr-x 1 74567 197609 0 Mar 15 16:24 ../
-rw-r--r-- 1 74567 197609 9 Mar 15 16:04 abc.txt
drwxr-xr-x 1 74567 197609 0 Mar 15 16:24 store/
drwxr-xr-x 1 74567 197609 0 Mar 15 16:23 store2/

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ |
```

### rm 命令删除文件

```
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ rm xyz.txt

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ rm -r myproject/

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ rm -r store

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ rm -rf store2
```

### 4. 使用 df 命令查看磁盘剩余空间, 使用 du 命令查看文件/文件夹占用的磁盘空间

```
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
D:/Git          401945596 156090940 245854656   39% /
C:              83886076  73038456 10847620 88% /c

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ ls -al
total 750747
drwxr-xr-x 1 74567 197609      0 Mar 15 16:29 ./
drwxr-xr-x 1 74567 197609      0 Mar 12 16:10 ../
drwxr-xr-x 1 74567 197609      0 Nov 25 15:50 1/
-rw-r--r-- 1 74567 197609 6364636 Mar 12 18:26 A股盈余管理程度计算结果.xlsx
-rwxr-xr-x 1 74567 197609    2334 Sep 29 19:09 Excel.lnk*
-rwxr-xr-x 1 74567 197609    1742 Sep 18 19:16 'IDLE (Python 3.11 64-bit) (2).lnk'*
-rwxr-xr-x 1 74567 197609    2359 Sep 29 19:09 PowerPoint.lnk*
drwxr-xr-x 1 74567 197609      0 Sep 16 21:43 'Stata 18 MP 64位 (压缩文件解压先) '/'
-rw-r--r-- 1 74567 197609 703801306 Sep 16 20:12 'Stata 18 MP 64位 (压缩文件解压先).zip'
-rwxr-xr-x 1 74567 197609     970 Sep 16 21:51 'StataMP-64 - 快捷方式.lnk'*
-rwxr-xr-x 1 74567 197609    2360 Sep 29 19:09 Word.lnk*
-rw-r--r-- 1 74567 197609      9 Mar 15 16:04 abc.txt
-rw-r--r-- 1 74567 197609 343393 Mar 12 17:08 code.xlsx
-rw-r--r-- 1 74567 197609    282 Nov 29 10:57 desktop.ini
-rw-r--r-- 1 74567 197609    201 Sep 29 15:59 scholar-2.enw
-rw-r--r-- 1 74567 197609   60574 Dec 16 15:28 shenzhenholiday.xlsx
-rw-r--r-- 1 74567 197609      0 Feb 26 10:58 深圳节假日

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
D:/Git          401945596 156090944 245854652   39% /
C:              83886076  73036244 10849832 88% /c

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
D:/Git          384G  149G  235G   39% /
C:              80G   70G   11G   88% /c
```



```

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ du .
21532 ./.1/毕业论文
24512 ./.1
687953 ./.Stata 18 MP 64位（压缩文件解压先）
114376 ./.实习资料
8444 ./.导师任务安排
4500 ./.张艺冉 报道
52 ./.深圳成指月份效应
124 ./.深圳成指节日效应
52 ./.研一上学期作业汇总文件夹/投资学作业十四/小公司效应/小公司效应
212 ./.研一上学期作业汇总文件夹/投资学作业十四/小公司效应
56 ./.研一上学期作业汇总文件夹/投资学作业十四/月份效应/上证50月份效应
64 ./.研一上学期作业汇总文件夹/投资学作业十四/月份效应/上证指数月份效应
52 ./.研一上学期作业汇总文件夹/投资学作业十四/月份效应/中证1000月份效应
76 ./.研一上学期作业汇总文件夹/投资学作业十四/月份效应/中证500月份效应
96 ./.研一上学期作业汇总文件夹/投资学作业十四/月份效应/深圳成指月份效应
1036 ./.研一上学期作业汇总文件夹/投资学作业十四/月份效应
148 ./.研一上学期作业汇总文件夹/投资学作业十四/节日效应/上证50节日效应
204 ./.研一上学期作业汇总文件夹/投资学作业十四/节日效应/上证指数节日效应
204 ./.研一上学期作业汇总文件夹/投资学作业十四/节日效应/中证1000节日效应
160 ./.研一上学期作业汇总文件夹/投资学作业十四/节日效应/中证500节日效应
80 ./.研一上学期作业汇总文件夹/投资学作业十四/节日效应/深圳成指节日效应
800 ./.研一上学期作业汇总文件夹/投资学作业十四/节日效应
2052 ./.研一上学期作业汇总文件夹/投资学作业十四
32 ./.研一上学期作业汇总文件夹/深圳成指月份效应
60 ./.研一上学期作业汇总文件夹/深圳成指节日效应
39692 ./.研一上学期作业汇总文件夹/第十五组 张艺冉
200332 ./.研一上学期作业汇总文件夹
76 ./.节日效应/500holiday
100 ./.节日效应/上证50节日效应
76 ./.节日效应/上证节日效应
76 ./.节日效应/中证1000节日效应
80 ./.节日效应/深圳成指
1316 ./.节日效应
368 ./.论文分析/My EndNote Library.Data/PDF/2559695728
368 ./.论文分析/My EndNote Library.Data/PDF
292 ./.论文分析/My EndNote Library.Data/sdb
660 ./.论文分析/My EndNote Library.Data
676 ./.论文分析
28 ./.财务报表
1793000 .

```

## 5. du -s \* | sort -nr > ~/report.txt 命令解释

### 命令解释

这个命令主要由三个部分组成，各部分通过管道符 | 或重定向符 > 连接，下面为你详细解释：

#### 1. du -s \*

- du 是 "disk usage" 的缩写，用于查看文件或目录占用磁盘空间的大小。
- -s 选项是 "summarize" 的意思，它会只显示每个参数的总大小，而不会列出子目录的详细使用情况。
- \* 是通配符，表示当前目录下的所有文件和目录。

所以 du -s \* 会计算当前目录下每个文件和目录占用磁盘的总大小，并输出每个文件或目录的大小以及对应的名称。

#### 2. sort -nr

- sort 命令用于对文本行进行排序。
- -n 选项表示按数值大小进行排序，而不是按字典序。因为 du 输出的第一列是磁盘使用量的数值，使用 -n 可以确保按照这个数值来排序。
- -r 选项表示反向排序，即从大到小排序。

因此，sort -nr 会将 du -s \* 的输出按照磁盘使用量从大到小重新排列。



### 3. > ~/report.txt

- > 是重定向符号，它会把前面命令的输出结果覆盖写入到指定的文件中。
- ~/report.txt 中，~ 代表用户的主目录，report.txt 是目标文件名。所以这部分会把排序后的结果保存到用户主目录下的 report.txt 文件里。

## 修改及应用示例

### 示例 1：显示更易读的文件大小单位

原命令输出的磁盘使用量是以块为单位的，不够直观。可以使用 du 的 -h 选项将其转换为更易读的单位（如 KB、MB、GB 等）。

```
bash ^
du -sh * | sort -hr > ~/report.txt
```

- -h 选项在 du 中表示以人类可读的格式显示文件大小。
- -h 选项在 sort 中也支持按人类可读的数值进行排序。

### 示例 2：递归统计子目录下的所有文件

原命令只统计当前目录下的文件和目录，若要递归统计所有子目录下的文件，可以去掉 du 的 -s 选项。

```
bash ^
du -h * | sort -hr > ~/report_recursive.txt
```

这里去掉 -s 后，du 会递归计算每个文件和子目录的大小，最终结果会保存到主目录下的 report\_recursive.txt 文件中。

### 示例 3：只统计特定类型的文件

如果只想统计 .txt 文件的磁盘使用情况，可以修改通配符。

```
bash ^
du -sh *.txt | sort -hr > ~/txt_report.txt
```

此命令会计算当前目录下所有 .txt 文件的磁盘使用量，按大小排序后保存到主目录的 txt\_report.txt 文件中。

### 示例 4：追加结果而不是覆盖

如果不想覆盖之前的报告文件，而是在文件末尾追加新的结果，可以使用 >> 重定向符。

```
bash ^
du -sh * | sort -hr >> ~/report.txt
```

这样新的磁盘使用量统计结果会添加到 ~/report.txt 文件的末尾。

6. 在 [GitCode](#) 平台新建一个你个人的私密的代码仓库（非公开，别人看不到），clone 到本地，将一些你自己的工作文件（文本文件或二进制文件都可以）添加到仓库里，push 到平台上托管

```

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ mkdir repo

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop
$ cd repo

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo
$ pwd
/c/Users/74567/Desktop/repo

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo
$ git clone git@gitcode.com:Cathy_R/mywork.git
Cloning into 'mywork'...
warning: You appear to have cloned an empty repository.

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo
$ ls -l
total 0
drwxr-xr-x 1 74567 197609 0 Mar 15 18:06 mywork/

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo
$ cd mywork/

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ ls -l
total 0

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ git log
fatal: your current branch 'main' does not have any commits yet

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ cp ~/.gitconfig ./

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ ls -l
total 0

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ ls -al
total 5
drwxr-xr-x 1 74567 197609 0 Mar 15 18:13 ./
drwxr-xr-x 1 74567 197609 0 Mar 15 18:06 ../
drwxr-xr-x 1 74567 197609 0 Mar 15 18:06 .git/
-rw-r--r-- 1 74567 197609 195 Mar 15 18:13 .gitconfig

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitconfig

nothing added to commit but untracked files present (use "git add" to track)

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ git add .
warning: in the working copy of '.gitconfig', LF will be replaced by CRLF the next time Git touches it

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .gitconfig

```

```
74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ git commit -m"added some files for test"
On branch main
Your branch is based on 'origin/main', but the upstream is gone.
(use "git branch --unset-upstream" to fixup)

nothing to commit, working tree clean

74567@DESKTOP-N5CDCLE MINGW64 ~/Desktop/repo/mywork (main)
$ git log
commit ff43f57d20e472b077e100ad7e685046c52565fd (HEAD -> main)
Author: Cathy_R <Cathy_R@noreply.gitcode.com>
Date: Sat Mar 15 18:27:30 2025 +0800

    added some files for test
```