

小 tips:

1. 命令行下的自动补全功能: Tab 键

1. 学习使用 ls 命令, 检查自己计算机最常用的“桌面”、“下载”、“文档”等文件夹的真实的文件系统路径是什么

pwd: 当前工作目录

ls: 工作目录下的所有文件

```
Lenovo@LAPTOP-TH3BCRP MINGW64 ~
$ ls
「开始」菜单@          NTUSER.DAT
'3D Objects'/'         ntuser.dat.LOG1
ado/                   ntuser.dat.LOG2
AppData/               NTUSER.DAT{68569b3c-a0e0-11ef-8715-c1f3742745e2}.TM.blf
'Application Data'@    NTUSER.DAT{68569b3c-a0e0-11ef-8715-c1f3742745e2}.TMContainer000000000000000001.regtrans-ms
Contacts/              NTUSER.DAT{68569b3c-a0e0-11ef-8715-c1f3742745e2}.TMContainer000000000000000002.regtrans-ms
Cookies@               ntuser.ini
Desktop/               OneDrive/
Documents/             Pictures/
Downloads/             PrintHood@
Favorites/             Recent@
Links/                 repo/
'Local Settings'@      'Saved Games'/'
'MicrosoftEdgeBackups/' Searches/
'Music/'               SendTo@
'My Documents'@        Templates@
'NetHood@              Videos/

Lenovo@LAPTOP-TH3BCRP MINGW64 ~
$ pwd
/c/Users/Lenovo
```

Cat: 将文件路径作为参数传输过去, 显示文件内容

```
WPS Cloud Files/ WPSDrive/
qiang@gqm3win CLANGARM64 ~
$ cd WPS
WPS Cloud Files/ WPSDrive/
qiang@gqm3win CLANGARM64 ~
$ cd WPS
WPS Cloud Files/ WPSDrive/
qiang@gqm3win CLANGARM64 ~
$ cd WPS
WPS Cloud Files/ WPSDrive/
qiang@gqm3win CLANGARM64 ~
$ cd Desktop/
~/Desktop
$ pwd
/c/Users/qiang/Desktop
qiang@gqm3win CLANGARM64 ~/Desktop
$ ls
abc.txt
qiang@gqm3win CLANGARM64 ~/Desktop
$ cat abc.txt
hello
qiang@gqm3win CLANGARM64 ~/Desktop
$
```

Cd 空格.. : 回到上一级文件夹

```

Lenovo@LAPTOP-TH3BCRPV MINGW64 ~
$ ls
「开始」菜单@          NTUSER.DAT
'3D Objects'/'         ntuser.dat.LOG1
ado/                   ntuser.dat.LOG2
AppData/              NTUSER.DAT{68569b3c-a0e0-1
'Application Data'@   NTUSER.DAT{68569b3c-a0e0-1
Contacts/             NTUSER.DAT{68569b3c-a0e0-1
Cookies@              ntuser.ini
Desktop/              OneDrive/
Documents/            Pictures/
Downloads/            PrintHood@
Favorites/            Recent@
Links/                repo/
'Local Settings'@    'Saved Games'/'
MicrosoftEdgeBackups/ Searches/
Music/                SendTo@
'My Documents'@       Templates@
NetHood@              Videos/

Lenovo@LAPTOP-TH3BCRPV MINGW64 ~
$ pwd
/c/Users/Lenovo

Lenovo@LAPTOP-TH3BCRPV MINGW64 ~
$ ls
「开始」菜单@          NTUSER.DAT
'3D Objects'/'         ntuser.dat.LOG1
ado/                   ntuser.dat.LOG2

```

```

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/Desktop
$ ls 气候政策不确定性 /
环境政策不确定性对中国上市公司股价影响的实证研究_林伟源.caj
气候政策不确定性、能源市场与绿色债券市场泡沫传染_罗胜涛.caj
气候政策不确定性、数字化转型与企业投资效率_孙海波.caj
气候政策不确定性、投资者气候风险感知与系统性金融风险_胡丽宁.caj
气候政策不确定性对企业绿色创新的影响_张娜.caj
气候政策不确定性对全球能源...格和股票价格的动态影响研究_贺志芳.caj
气候政策不确定性下的企业E...于ESG文本语调的经验研究_汪顺.caj
气候政策不确定性与股价崩盘风险_夏欣雅.caj
气候政策不确定性与企业绿色...新闻媒体文本分析方法的测度_郭晶.caj
气候政策不确定性与企业绿色低碳创新_王沐丹.caj
气候政策不确定性与企业债券融资成本_翟鹏翔.caj
气候政策不确定性与银行系统性风险_王文蔚.caj
气候政策不确定性与中国企业升级困境_汪顺.caj
文献阅读.xlsx

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/Desktop
$ cat 气候政策不确定性 /
cat: 气候政策不确定性/: Is a directory

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/Desktop
$ cd ..

Lenovo@LAPTOP-TH3BCRP MINGW64 ~
$ ls
「开始」菜单@          NTUSER.DAT
'3D Objects' /         ntuser.dat.LOG1

```

文件中显示文件扩展名才能找到

/: 根目录

`/c/Users/qiang/Desktop`: unix 路径

Windows 路径用:\

~: 用户主目录

Cd 空格/: 改变路径到根目录

绝对路径: 从根目录开始一个完整的路径

相对路径: 不是从根目录开始写的路径

ls 命令

NAME top

ls - list directory contents 列举目录内容

SYNOPSIS top

ls *[OPTION]...* *[FILE]...* **[]** 内容表示可以有也可以没有
...表示可以有多个

DESCRIPTION top

List information about the FILES (the current directory by default). Sort entries **如果没有给参数的话，默认按照字母顺序排序** or
--sort is specified.

Mandatory arguments to long options are mandatory for short options too.

-a, --all 短选项 长选项 不会忽略以 . 开头的条目，显示所有文件
do not ignore entries starting with .

```
qiang@gqm3win CLANGAR
$ ls -a
./
../
.conda/
.gitconfig
.git-for-windows-upd
.ssh/
.viminfo
.vscode/
anaconda3/
AppData/
'Application Data'@
Contacts/
Cookies@
Desktop/
Documents/
Downloads/
Favorites/
Links/
'Local Settings'@
Music/
'My Documents'@
NetHood@
NTUSER.DAT
ntuser.dat.LOG1
ntuser.dat.LOG2
```

蓝色的是文件夹，白色的是文件

-A, --almost-all
do not list implied . and ..

--author
with **-l**, print the author of each file

-b, --escape
print C-style escapes for nongraphic characters

--block-size=SIZE
with **-l**, scale sizes by SIZE when printing them; e.g.,
'--block-size=M'; see SIZE format below

-B, --ignore-backups
do not list implied entries ending with ~

-c with **-lt**: sort by, and show, ctime (time of last change of
file status information); with **-l**: show ctime and sort by
name; otherwise: sort by ctime, newest first

-C list entries by columns

--color[=WHEN]
color the output WHEN; more info below

-d, --directory
list directories themselves, not their contents

-D, --dired
generate output designed for Emacs' dired mode

`-f` same as `-a -U`

`-F, --classify[=WHEN]`
append indicator (one of `*/=>@|`) to entries *WHEN*

`--file-type`
likewise, except do not append `'*`

`--format=WORD`
across `-x`, commas `-m`, horizontal `-x`, long `-l`, single-column
`-l`, verbose `-l`, vertical `-C`

`--full-time`
like `-l --time-style=full-iso`

`-g` like `-l`, but do not list owner

`--group-directories-first`
group directories before files

`-G, --no-group`
in a long listing, don't print group names

`-h, --human-readable`
with `-l` and `-s`, print sizes like 1K 234M 2G etc.

`--si` likewise, but use powers of 1000 not 1024

`-H, --dereference-command-line`
follow symbolic links listed on the command line

-H, --dereference-command-line
follow symbolic links listed on the command line

--dereference-command-line-symlink-to-dir
follow each command line symbolic link that points to a directory

--hide=*PATTERN*
do not list implied entries matching shell *PATTERN*
(overridden by **-a** or **-A**)

--hyperlink[=*WHEN*]
hyperlink file names *WHEN*

--indicator-style=*WORD*
append indicator with style *WORD* to entry names: none
(default), slash (**-p**), file-type (**--file-type**), classify
(**-F**)

-i, --inode
print the index number of each file

-I, --ignore=*PATTERN*
do not list implied entries matching shell *PATTERN*

-k, --kibibytes
default to 1024-byte blocks for file system usage; used
only with **-s** and per directory totals

- `-l` use a long listing format
- `-L, --dereference`
when showing file information for a symbolic link, show information for the file the link references rather than for the link itself
- `-m` fill width with a comma separated list of entries
- `-n, --numeric-uid-gid`
like `-l`, but list numeric user and group IDs
- `-N, --literal`
print entry names without quoting
- `-o` like `-l`, but do not list group information
- `-p, --indicator-style=slash`
append `/` indicator to directories
- `-q, --hide-control-chars`
print `?` instead of nongraphic characters
- `--show-control-chars`
show nongraphic characters as-is (the default, unless program is `'ls'` and output is a terminal)

-Q, --quote-name
enclose entry names in double quotes

--quoting-style=WORD
use quoting style WORD for entry names: literal, locale, shell, shell-always, shell-escape, shell-escape-always, c, escape (overrides QUOTING_STYLE environment variable)

-r, --reverse
reverse order while sorting

-R, --recursive
list subdirectories recursively

-s, --size
print the allocated size of each file, in blocks

-S sort by file size, largest first 大写, 根据文件大小排序

--sort=WORD
change default 'name' sort to WORD: none (-U), size (-S), time (-t), version (-v), extension (-X), name, width

--time=WORD
select which timestamp used to display or sort; access time (-u): atime, access, use; metadata change time (-c): ctime, status; modified time (default): mtime, modification; birth time: birth, creation;

with **-l**, WORD determines which time to show; with **--sort=time**, sort by WORD (newest first)

`--time-style=TIME_STYLE`
time/date format with `-l`; see TIME_STYLE below

`-t` sort by time, newest first; see `--time` 小写, 根据时间排序

`-T, --tabsize=COLS`
assume tab stops at each COLS instead of 8

`-u` with `-lt`: sort by, and show, access time; with `-l`: show access time and sort by name; otherwise: sort by access time, newest first

`-U` do not sort directory entries

`-v` natural sort of (version) numbers within text

`-w, --width=COLS`
set output width to COLS. 0 means no limit

`-x` list entries by lines instead of by columns

`-X` sort alphabetically by entry extension

`-Z, --context`
print any security context of each file

`--zero` end each output line with NUL, not newline

`-1` list one file per line

`--help` display this help and exit

`--version`
output version information and exit

```
$ ls -al
total 23859
drwxr-xr-x 1 qiang 197608 0 3月 11 13:55 ./
drwxr-xr-x 1 qiang 197608 0 12月 11 2023 ../
drwxr-xr-x 1 qiang 197608 0 3月 11 08:02 .conda/
-rw-r--r-- 1 qiang 197608 161 3月 11 08:38 .gitconfig
-rw-r--r-- 1 qiang 197608 53 3月 11 13:55 .git-for-windows-updater
drwxr-xr-x 1 qiang 197608 0 3月 11 08:59 .ssh/
-rw-r--r-- 1 qiang 197608 819 3月 11 08:59 .viminfo
drwxr-xr-x 1 qiang 197608 0 3月 11 08:32 .vscode/
drwxr-xr-x 1 qiang 197608 0 3月 11 09:02 anaconda3/
drwxr-xr-x 1 qiang 197608 0 12月 10 2023 AppData/
lrwxrwxrwx 1 qiang 197608 30 12月 10 2023 'Application Data' -> /c/Users/qiang/AppData/Roaming/
drwxr-xr-x 1 qiang 197608 0 12月 10 2023 Contacts/
lrwxrwxrwx 1 qiang 197608 58 12月 10 2023 Cookies -> /c/Users/qiang/AppData/Local/Microsoft/Windows/INetCookies/
drwxr-xr-x 1 qiang 197608 0 3月 11 16:32 Desktop/
drwxr-xr-x 1 qiang 197608 0 3月 11 16:32 Documents/
drwxr-xr-x 1 qiang 197608 0 3月 11 16:31 Downloads/
drwxr-xr-x 1 qiang 197608 0 12月 10 2023 Favorites/
drwxr-xr-x 1 qiang 197608 0 12月 10 2023 Links/
drwxr-xr-x 1 qiang 197608 0 5月 17 2024 'Local Settings' -> /c/Users/qiang/AppData/Local/
lrwxrwxrwx 1 qiang 197608 24 12月 10 2023 'My Documents' -> /c/Users/qiang/Documents/
lrwxrwxrwx 1 qiang 197608 66 12月 10 2023 NetHood -> /c/Users/qiang/AppData/Roaming/Microsoft/Windows/Network Shortcuts/
-rw-r--r-- 1 qiang 197608 16252928 3月 11 09:58 NTUSER.DAT
-rw-r--r-- 1 qiang 197608 3538944 12月 10 2023 ntuser.dat.LOG1
-rw-r--r-- 1 qiang 197608 245768 12月 10 2023 ntuser.dat.LOG2
-rw-r--r-- 1 qiang 197608 1048576 3月 11 16:10 NTUSER.DAT{52f8dc77-cdd7-11ec-8680-00224848b4d3}.TxR.0.regtrans-ms
-rw-r--r-- 1 qiang 197608 1048576 3月 11 13:53 NTUSER.DAT{52f8dc77-cdd7-11ec-8680-00224848b4d3}.TxR.1.regtrans-ms
-rw-r--r-- 1 qiang 197608 1048576 3月 11 13:53 NTUSER.DAT{52f8dc77-cdd7-11ec-8680-00224848b4d3}.TxR.2.regtrans-ms
-rw-r--r-- 1 qiang 197608 65536 3月 11 16:10 NTUSER.DAT{52f8dc77-cdd7-11ec-8680-00224848b4d3}.TxR.blf
-rw-r--r-- 1 qiang 197608 65536 1月 4 19:32 NTUSER.DAT{52f8dc78-cdd7-11ec-8680-00224848b4d3}.TM.blf
-rw-r--r-- 1 qiang 197608 524288 3月 11 16:10 NTUSER.DAT{52f8dc78-cdd7-11ec-8680-00224848b4d3}.TMContainer000000000000000001.regtrans-ms
-rw-r--r-- 1 qiang 197608 524288 12月 10 2023 NTUSER.DAT{52f8dc78-cdd7-11ec-8680-00224848b4d3}.TMContainer000000000000000002.regtrans-ms
drwxr-xr-x 1 qiang 197608 0 12月 10 2023 ntuser.ini
drwxr-xr-x 1 qiang 197608 0 12月 11 2023 Pictures/
lrwxrwxrwx 1 qiang 197608 66 12月 10 2023 PrintHood -> /c/Users/qiang/AppData/Roaming/Microsoft/Windows/Printer Shortcuts/
drwxr-xr-x 1 qiang 197608 0 12月 10 2023 Recent -> /c/Users/qiang/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 qiang 197608 0 12月 10 2023 'Saved Games' /
drwxr-xr-x 1 qiang 197608 0 12月 10 2023 Searches/
drwxr-xr-x 1 qiang 197608 55 12月 10 2023 SendTo -> /c/User... 那么除了这个以外 /Microsoft/Windows/SendTo/
lrwxrwxrwx 1 qiang 197608 59 12月 10 2023 'Start Menu' -> /c/Users/qiang/AppData/Roaming/Microsoft/Windows/Start Menu/
lrwxrwxrwx 1 qiang 197608 59 12月 10 2023 'Taskbar' -> /c/Users/qiang/AppData/Roaming/Microsoft/Windows/Templates/
```

第一个字母是 d 代表文件夹，- 代表普通文件，l 代表符号链接（快捷方式）
后面紧跟着的是文件权限，r 是可读，w 是可写，x 是执行
数字代表占了多少个字节
年月日是文件修改时间

2.cp 复制文件

```
qiang@gqm3win CLANGARM64 ~/Desktop
$ ls -l
total 1
-rw-r--r-- 1 qiang 197608 9 3月 12 19:20 abc.txt

qiang@gqm3win CLANGARM64 ~/Desktop
$ cat abc.txt
aaabbbccc

qiang@gqm3win CLANGARM64 ~/Desktop
$ cp abc.txt ../Downloads/

qiang@gqm3win CLANGARM64 ~/Desktop
$ ls -l
total 1
-rw-r--r-- 1 qiang 197608 9 3月 12 19:20 abc.txt

qiang@gqm3win CLANGARM64 ~/Desktop
$ cat abc.txt
aaabbbccc

qiang@gqm3win CLANGARM64 ~/Desktop
$ cp abc.txt ../Downloads/

qiang@gqm3win CLANGARM64 ~/Desktop
$ cp abc.txt ../Downloads/xyz.txt
```

复制并改名，前半部分为来源，后半部分为 target

```
qiang@gqm3win CLANGARM64 ~/Desktop
$ cp -r store ../Downloads/
```

-r 递归，复制整个文件夹
mv 移动文件

```
qiang@gqm3win CLANGARM64 ~/Desktop
$ mv ../Downloads/xyz.txt ./

qiang@gqm3win CLANGARM64 ~/Desktop
$ mv ../Downloads/store2 ./
```

将文件从 download 移动到桌面

3.mkdir 创建文件夹，然后用 ls 查看文件夹里面内容

```
qiang@gqm3win CLANGARM64 ~/Desktop
$ mkdir myproject

qiang@gqm3win CLANGARM64 ~/Desktop
$ ls -l
total 1
drwxr-xr-x 1 qiang 197608 0  3月 12 19:37 myproject/
drwxr-xr-x 1 qiang 197608 0  3月 12 19:23 store/
drwxr-xr-x 1 qiang 197608 0  3月 12 19:29 store2/
-rw-r--r-- 1 qiang 197608 9  3月 12 19:22 xyz.txt

qiang@gqm3win CLANGARM64 ~/Desktop
$ ls -alh myproject/
total 1.0K
drwxr-xr-x 1 qiang 197608 0  3月 12 19:37 ./
drwxr-xr-x 1 qiang 197608 0  3月 12 19:36 ../
drwxr-xr-x 1 qiang 197608 0  3月 12 19:37 store/
drwxr-xr-x 1 qiang 197608 0  3月 12 19:37 store2/
-rw-r--r-- 1 qiang 197608 9  3月 12 19:22 xyz.txt

qiang@gqm3win CLANGARM64 ~/Desktop
```

用 rm 删掉文件夹内容

```
qiang@gqm3win CLANGARM64 ~/Desktop
$ rm xyz.txt

qiang@gqm3win CLANGARM64 ~/Desktop
$ rm -r myproject/
```

4.df 查看剩余磁盘空间

```
qiang@gqm3win CLANGARM64 ~/Desktop
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
/:/Program Files/Git 256G  47G  209G  19% /
z:                1.9T  1.5T  419G  78% /z
```

du 查看文件或文件夹占用的磁盘空间

5.

Clone 本地文件时要选 SSH，第一次选 HTTP 出现以下错误

HTTPS SSH <https://gitcode.com/Alicecindy/mywork.git>

```
Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo
$ git clone https://gitcode.com/Alicecindy/mywork.git
Cloning into 'mywork'...
remote: <CH.00905401> HTTP Basic: Access denied.
remote: The password-based authentication of Git has been removed. Please use your personal access token instead of the
password. Request-id is ablnNloSbR.
fatal: Authentication failed for 'https://gitcode.com/Alicecindy/mywork.git/'

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo
$ cd mywork
bash: cd: mywork: No such file or directory
```

选 SSH 之后正确

HTTPS SSH <git@gitcode.com:Alicecindy/mywork.git>

```
Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo
$ git clone git@gitcode.com:AliceCindy/mywork.git
Cloning into 'mywork'...
warning: You appear to have cloned an empty repository.

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo
$ ls -
ls: cannot access '-': No such file or directory

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo
$ ls -
ls: cannot access '-': No such file or directory

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo
$ ls -l
total 4
drwxr-xr-x 1 Lenovo 197121 0  3月 16 23:20 mywork/
-rw-r--r-- 1 Lenovo 197121 0  3月 10 19:02 script1.py
drwxr-xr-x 1 Lenovo 197121 0  3月 10 21:04 week01/

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo
$ cd mywork

Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo/mywork (main)
$
```

提交作业

1. Fork, 右上角 fork

项目名称 * (当你 fork 一个项目时, 系统默认会使用和你 fork 原始项目一致的名称, 不过你也可以使用自定义的名称)

第02周打卡_1264

项目路径 * (当你 fork 一个项目时, 系统默认会使用和你 fork 原始项目一致的路径, 不过你也可以使用自定义的路径)

Aliceindy / week02_1264

在此命名空间中具有相同名称或路径的项目已经存在, 选择 fork 项目时我们将自动为你使用随机的项目路径和名称

项目描述

学生 Fork 此仓库并通过 PR 提交第 2 周学习报告

main 全部

只复制 main 分支, 你可以在 fork 的项目中创建你自己的分支版本, 并通过Pull Request将你写的代码贡献给 cueb-fintech/week0

取消 创建Fork项目

同步源项目

> ↺ 🏠

gitcode.com/Aliceindy/week02

书签 手机书签 Lenovo Quick Fix... 创客贴 热门游戏

A

Aliceindy / 第02周打卡

🔍

k 源: [首经贸金融科技实验室 / 第02周打卡](#)

同步源项目 >

Clone

🏠

gitcode.com/Aliceindy/week02

书签 Lenovo Quick Fix... 创客贴 热门游戏 AI助手 万能小in 抖音 爱淘宝

Aliceindy / 第02周打卡

🔍 按下 / 快速开启搜索

金融科技实验室 / 第02周打卡

同步源项目 >

Issues

Pull Requests

讨论

项目成员 1

分析 >

1

0

🔍 搜索文件

+

下载zip

Clone

进行配置

请确保本地完成了 Git 的全局配置

```
git config --global user.name Alicecindy
git config --global user.email Alicecindy@noreply.gitcode.com
```

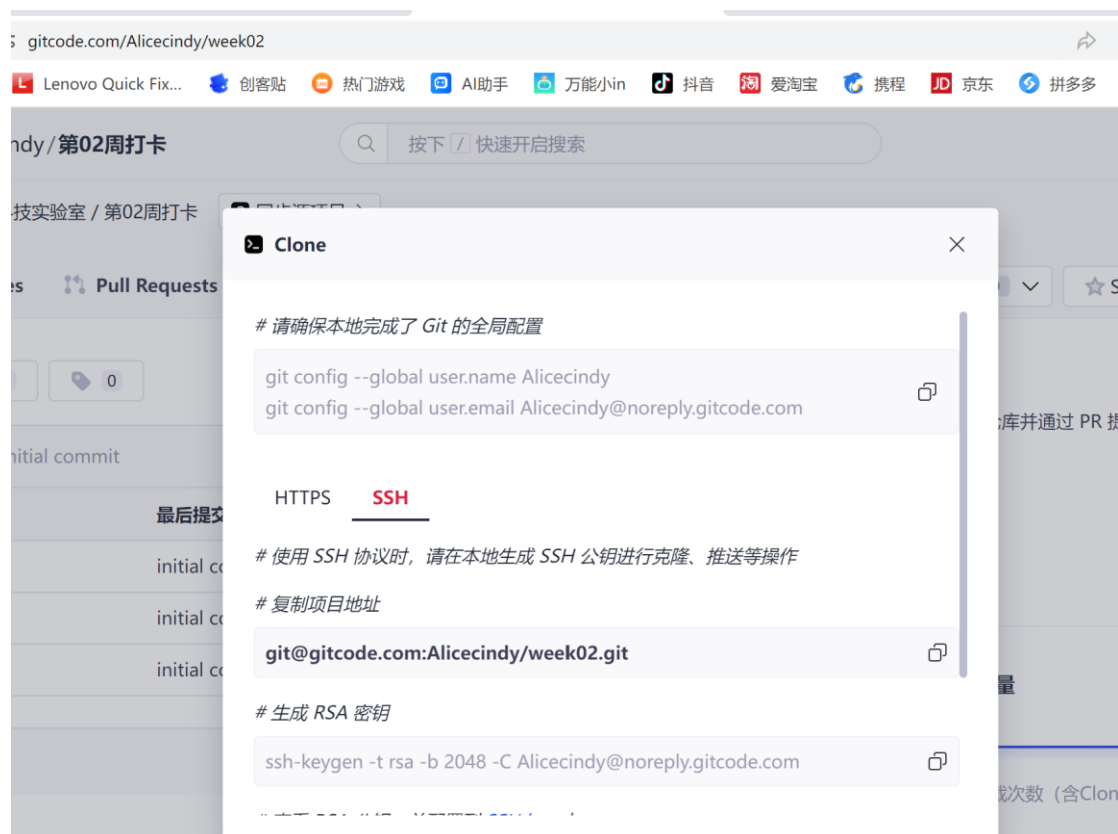


进行查看

```
Lenovo@LAPTOP-TH3BCRP MINGW64 ~
$ git config --global user.name Alicecindy
git config --global user.email Alicecindy@noreply.gitcode.com

Lenovo@LAPTOP-TH3BCRP MINGW64 ~
$ git config --list --global
core.editor="D:\Microsoft VS Code\bin\code" --wait
core.quotepath=false
user.name=Alicecindy
user.email=Alicecindy@noreply.gitcode.com
credential.https://gitcode.com.provider=generic
```

复制 SSH 公钥



```
Lenovo@LAPTOP-TH3BCRP MINGW64 ~  
$ cd repo  
  
Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo  
$ pwd  
/c/Users/Lenovo/repo  
  
Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo  
$ git clone git@gitcode.com:AliceCindy/week02.git  
Cloning into 'week02'...  
remote: Enumerating objects: 5, done.  
remote: Counting objects: 100% (5/5), done.  
remote: Compressing objects: 100% (5/5), done.  
remote: Total 5 (delta 0), reused 5 (delta 0), pack-reused 0 (from 0)  
Receiving objects: 100% (5/5), 8.45 KiB | 2.82 MiB/s, done.  
  
Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo  
$ ll  
total 4  
drwxr-xr-x 1 Lenovo 197121 0  3月 16 23:52 mywork/  
-rw-r--r-- 1 Lenovo 197121 0  3月 10 19:02 script1.py  
drwxr-xr-x 1 Lenovo 197121 0  3月 10 21:04 week01/  
drwxr-xr-x 1 Lenovo 197121 0  3月 17 19:53 week02/  
  
Lenovo@LAPTOP-TH3BCRP MINGW64 ~/repo  
$ code week02/
```