Week02 学习笔记

Ls 命令：

Ls –a 命令 显示全部：

```
MINGW64:/c/Users/Lenovo
 Links/                   'Saved Games'/
'Local Settings'@          Searches/
 Music/                    SendTo@
'My Documents'@            Templates@
 NetHood@                  Videos/
 NTUSER.DAT

Lenovo@DESKTOP-NT0RQTH MINGW64 ~
$ ls -a
 ./                       'Local Settings'@
 ../                       Music/
 .bash_history            'My Documents'@
 .conda/                   NetHood@
 .gitconfig                NTUSER.DAT
 .ipython/                 ntuser.dat.LOG1
 .lesshst                  ntuser.dat.LOG2
 .ssh/                     NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TM.blf
 .vscode/                  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer00000000000000000001.regtrans-ms
 「开始」菜单@             NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer00000000000000000002.regtrans-ms
'3D Objects'/              ntuser.ini
 AppData/                  OneDrive/
'Application Data'@        Pictures/
 Contacts/                 PrintHood@
 Cookies@                  Recent@
 Desktop/                  repo/
 Documents/               'Saved Games'/
 Downloads/                Searches/
 Favorites/                SendTo@
 IntelGraphicsProfiles/    Templates@
 Links/                    Videos/

Lenovo@DESKTOP-NT0RQTH MINGW64 ~
$
```

Ls –l 命令 显示详细信息：

```
MINGW64:/c/Users/Lenovo

Lenovo@DESKTOP-NT0RQTH MINGW64 ~
$ ls -l
total 4837
lrwxrwxrwx 1 Lenovo 197121      60  3月 12 19:38  「开始」菜单 -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Start Menu'/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38 '3D Objects'/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  AppData/
lrwxrwxrwx 1 Lenovo 197121      31  3月 12 19:38 'Application Data' -> /c/Users/Lenovo/AppData/Roaming/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  Contacts/
lrwxrwxrwx 1 Lenovo 197121      59  3月 12 19:38  Cookies -> /c/Users/Lenovo/AppData/Local/Microsoft/Windows/INetCookies/
drwxr-xr-x 1 Lenovo 197121       0  3月 22 22:06  Desktop/
drwxr-xr-x 1 Lenovo 197121       0  3月 20 22:09  Documents/
drwxr-xr-x 1 Lenovo 197121       0  3月 20 22:20  Downloads/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  Favorites/
drwxr-xr-x 1 Lenovo 197121       0  3月 22 20:25  IntelGraphicsProfiles/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  Links/
lrwxrwxrwx 1 Lenovo 197121      29  3月 12 19:38 'Local Settings' -> /c/Users/Lenovo/AppData/Local/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  Music/
lrwxrwxrwx 1 Lenovo 197121      25  3月 12 19:38 'My Documents' -> /c/Users/Lenovo/Documents/
lrwxrwxrwx 1 Lenovo 197121      67  3月 12 19:38  NetHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Network Shortcuts'/
-rw-r--r-- 1 Lenovo 197121 2621440  3月 20 23:03  NTUSER.DAT
-rw-r--r-- 1 Lenovo 197121  491520  3月 12 19:38  ntuser.dat.LOG1
-rw-r--r-- 1 Lenovo 197121  700416  3月 12 19:38  ntuser.dat.LOG2
-rw-r--r-- 1 Lenovo 197121   65536  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TM.blf
-rw-r--r-- 1 Lenovo 197121  524288  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer00000000000000000001.re
gtrans-ms
-rw-r--r-- 1 Lenovo 197121  524288  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer00000000000000000002.re
gtrans-ms
-rw-r--r-- 1 Lenovo 197121      20  3月 12 19:38  ntuser.ini
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:41  OneDrive/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:39  Pictures/
lrwxrwxrwx 1 Lenovo 197121      67  3月 12 19:38  PrintHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Printer Shortcuts'/
lrwxrwxrwx 1 Lenovo 197121      56  3月 12 19:38  Recent -> /c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Recent/
```

Ls –al 命令：

```
Lenovo@DESKTOP-NT0RQTH MINGW64 ~
$ ls -al
total 4860
drwxr-xr-x 1 Lenovo 197121       0  3月 20 22:49  ./
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:39  ../
-rw-r--r-- 1 Lenovo 197121      45  3月 22 21:17  .bash_history
drwxr-xr-x 1 Lenovo 197121       0  3月 20 17:09  .conda/
-rw-r--r-- 1 Lenovo 197121     164  3月 20 22:27  .gitconfig
drwxr-xr-x 1 Lenovo 197121       0  3月 20 16:53  .ipython/
-rw-r--r-- 1 Lenovo 197121      20  3月 20 22:49  .lesshst
drwxr-xr-x 1 Lenovo 197121       0  3月 20 21:26  .ssh/
drwxr-xr-x 1 Lenovo 197121       0  3月 18 20:17  .vscode/
lrwxrwxrwx 1 Lenovo 197121      60  3月 12 19:38  「开始」菜单 -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Start Menu'/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38 '3D Objects'/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  AppData/
lrwxrwxrwx 1 Lenovo 197121      31  3月 12 19:38 'Application Data' -> /c/Users/Lenovo/AppData/Roaming/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  Contacts/
lrwxrwxrwx 1 Lenovo 197121      59  3月 12 19:38  Cookies -> /c/Users/Lenovo/AppData/Local/Microsoft/Windows/INetCookies/
drwxr-xr-x 1 Lenovo 197121       0  3月 22 22:08  Desktop/
drwxr-xr-x 1 Lenovo 197121       0  3月 20 22:09  Documents/
drwxr-xr-x 1 Lenovo 197121       0  3月 20 22:20  Downloads/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  Favorites/
drwxr-xr-x 1 Lenovo 197121       0  3月 22 20:25  IntelGraphicsProfiles/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  Links/
lrwxrwxrwx 1 Lenovo 197121      29  3月 12 19:38 'Local Settings' -> /c/Users/Lenovo/AppData/Local/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38  Music/
lrwxrwxrwx 1 Lenovo 197121      25  3月 12 19:38 'My Documents' -> /c/Users/Lenovo/Documents/
lrwxrwxrwx 1 Lenovo 197121      67  3月 12 19:38  NetHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Network Shortcuts'/
-rw-r--r-- 1 Lenovo 197121 2621440  3月 20 23:03  NTUSER.DAT
-rw-r--r-- 1 Lenovo 197121  491520  3月 12 19:38  ntuser.dat.LOG1
-rw-r--r-- 1 Lenovo 197121  700416  3月 12 19:38  ntuser.dat.LOG2
-rw-r--r-- 1 Lenovo 197121   65536  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TM.blf
```

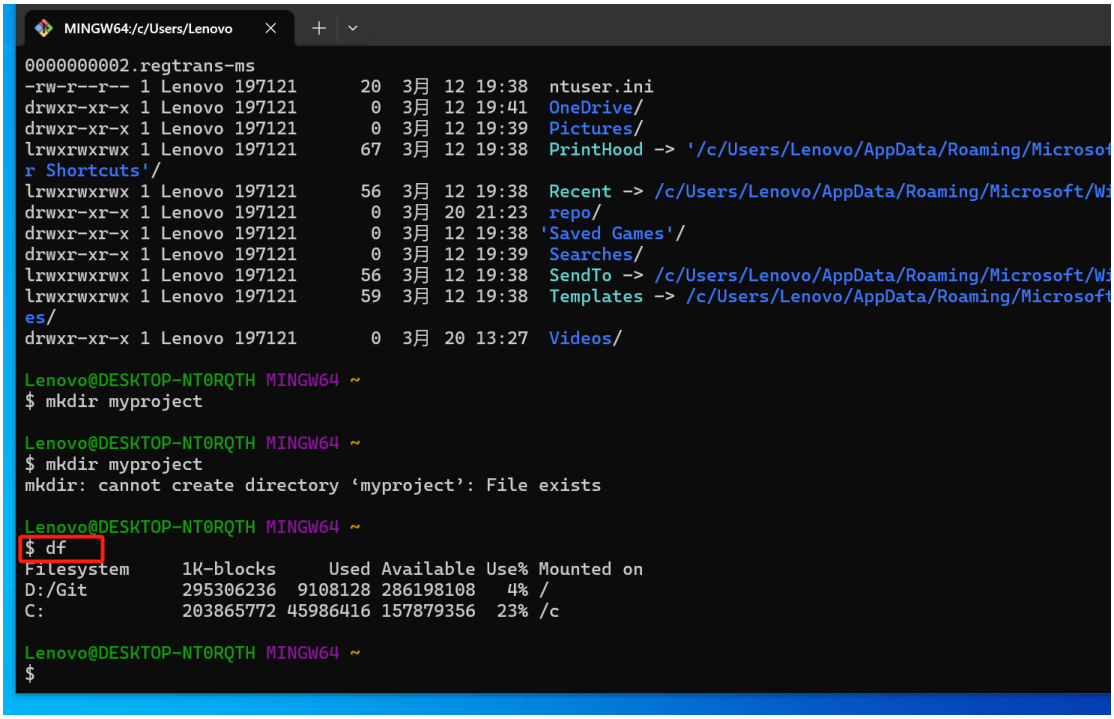
Ls –lh 命令-显示字节：

```
Lenovo@DESKTOP-NT0RQTH MINGW64 ~
$ ls -lh
total 4.9M
lrwxrwxrwx 1 Lenovo 197121   60  3月 12 19:38  「开始」菜单 -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Start Menu'/
drwxr-xr-x 1 Lenovo 197121    0  3月 12 19:38 '3D Objects'/
drwxr-xr-x 1 Lenovo 197121    0  3月 12 19:38  AppData/
lrwxrwxrwx 1 Lenovo 197121   31  3月 12 19:38 'Application Data' -> /c/Users/Lenovo/AppData/Roaming/
drwxr-xr-x 1 Lenovo 197121    0  3月 12 19:38  Contacts/
lrwxrwxrwx 1 Lenovo 197121   59  3月 12 19:38  Cookies -> /c/Users/Lenovo/AppData/Local/Microsoft/Windows/INetCookies/
drwxr-xr-x 1 Lenovo 197121    0  3月 22 22:09  Desktop/
drwxr-xr-x 1 Lenovo 197121    0  3月 20 22:09  Documents/
drwxr-xr-x 1 Lenovo 197121    0  3月 20 22:20  Downloads/
drwxr-xr-x 1 Lenovo 197121    0  3月 12 19:38  Favorites/
drwxr-xr-x 1 Lenovo 197121    0  3月 22 20:25  IntelGraphicsProfiles/
drwxr-xr-x 1 Lenovo 197121    0  3月 12 19:38  Links/
lrwxrwxrwx 1 Lenovo 197121   29  3月 12 19:38 'Local Settings' -> /c/Users/Lenovo/AppData/Local/
drwxr-xr-x 1 Lenovo 197121    0  3月 12 19:38  Music/
lrwxrwxrwx 1 Lenovo 197121   25  3月 12 19:38 'My Documents' -> /c/Users/Lenovo/Documents/
lrwxrwxrwx 1 Lenovo 197121   67  3月 12 19:38  NetHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Network Shortcuts'/
-rw-r--r-- 1 Lenovo 197121 2.5M  3月 20 23:03  NTUSER.DAT
-rw-r--r-- 1 Lenovo 197121 720K  3月 12 19:38  ntuser.dat.LOG1
-rw-r--r-- 1 Lenovo 197121 528K  3月 12 19:38  ntuser.dat.LOG2
-rw-r--r-- 1 Lenovo 197121  64K  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TM.blf
-rw-r--r-- 1 Lenovo 197121 512K  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer00000000000000000001.regtr
ans-ms
-rw-r--r-- 1 Lenovo 197121 512K  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer00000000000000000002.regtr
ans-ms
-rw-r--r-- 1 Lenovo 197121   20  3月 12 19:38  ntuser.ini
drwxr-xr-x 1 Lenovo 197121    0  3月 12 19:41  OneDrive/
drwxr-xr-x 1 Lenovo 197121    0  3月 12 19:39  Pictures/
lrwxrwxrwx 1 Lenovo 197121   67  3月 12 19:38  PrintHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Printer Shortcuts'/
lrwxrwxrwx 1 Lenovo 197121   56  3月 12 19:38  Recent -> /c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Recent/
```

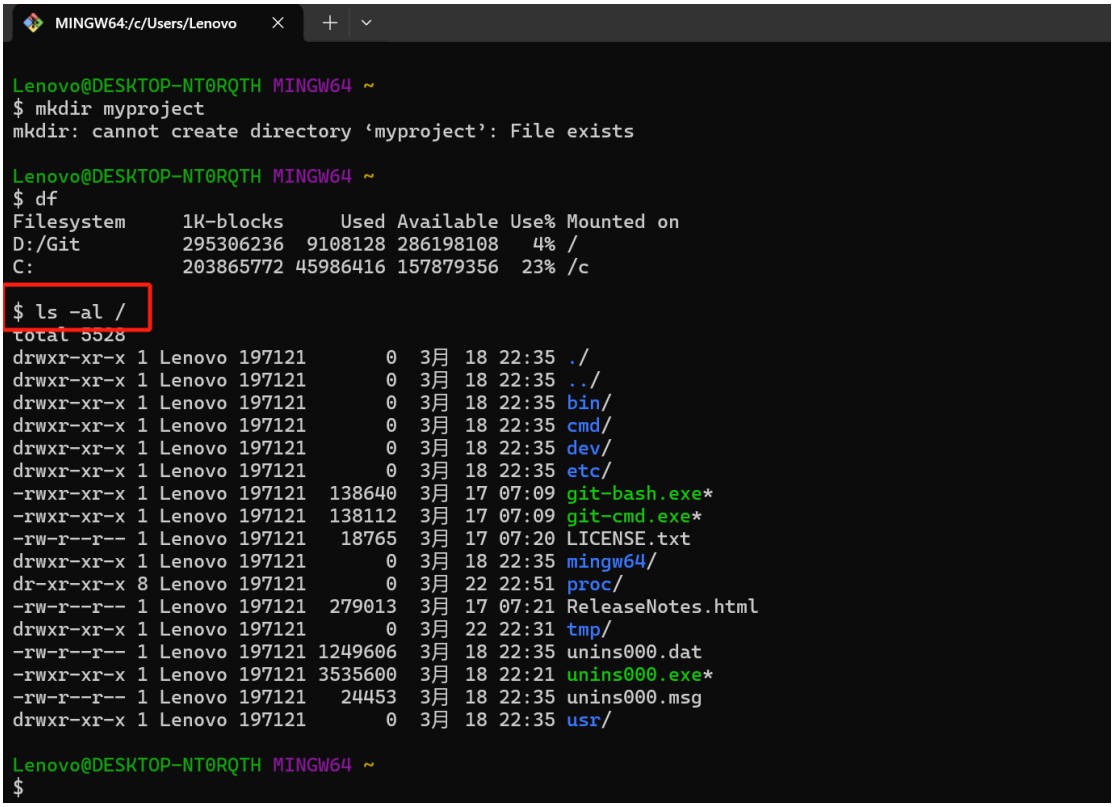
Ls –alS 命令：按文件大小排序

```
Lenovo@DESKTOP-NT0RQTH MINGW64 ~
$ ls -alS
total 5124
-rw-r--r-- 1 Lenovo 197121 2621440  3月 20 23:03  NTUSER.DAT
-rw-r--r-- 1 Lenovo 197121  737280  3月 12 19:38  ntuser.dat.LOG1
-rw-r--r-- 1 Lenovo 197121  724992  3月 12 19:38  ntuser.dat.LOG2
-rw-r--r-- 1 Lenovo 197121  524288  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer00000000000000000001.re
gtrans-ms
-rw-r--r-- 1 Lenovo 197121  524288  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer00000000000000000002.re
gtrans-ms
-rw-r--r-- 1 Lenovo 197121   65536  3月 12 19:38  NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TM.blf
-rw-r--r-- 1 Lenovo 197121     164  3月 20 22:27  .gitconfig
lrwxrwxrwx 1 Lenovo 197121      67  3月 12 19:38  NetHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Network Shortcuts'/
lrwxrwxrwx 1 Lenovo 197121      67  3月 12 19:38  PrintHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Printer Shortcuts'/
lrwxrwxrwx 1 Lenovo 197121      60  3月 12 19:38  「开始」菜单 -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Start Menu'/
lrwxrwxrwx 1 Lenovo 197121      59  3月 12 19:38  Cookies -> /c/Users/Lenovo/AppData/Local/Microsoft/Windows/INetCookies/
lrwxrwxrwx 1 Lenovo 197121      59  3月 12 19:38  Templates -> /c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Templates/
lrwxrwxrwx 1 Lenovo 197121      56  3月 12 19:38  Recent -> /c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Recent/
lrwxrwxrwx 1 Lenovo 197121      56  3月 12 19:38  SendTo -> /c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/SendTo/
-rw-r--r-- 1 Lenovo 197121      45  3月 22 21:17  .bash_history
lrwxrwxrwx 1 Lenovo 197121      31  3月 12 19:38 'Application Data' -> /c/Users/Lenovo/AppData/Roaming/
lrwxrwxrwx 1 Lenovo 197121      29  3月 12 19:38 'Local Settings' -> /c/Users/Lenovo/AppData/Local/
lrwxrwxrwx 1 Lenovo 197121      25  3月 12 19:38 'My Documents' -> /c/Users/Lenovo/Documents/
-rw-r--r-- 1 Lenovo 197121      20  3月 20 22:49  .lesshst
-rw-r--r-- 1 Lenovo 197121      20  3月 12 19:38  ntuser.ini
drwxr-xr-x 1 Lenovo 197121       0  3月 20 22:49  ./
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:39  ../
drwxr-xr-x 1 Lenovo 197121       0  3月 20 17:09  .conda/
drwxr-xr-x 1 Lenovo 197121       0  3月 20 16:53  .ipython/
drwxr-xr-x 1 Lenovo 197121       0  3月 20 21:26  .ssh/
drwxr-xr-x 1 Lenovo 197121       0  3月 18 20:17  .vscode/
drwxr-xr-x 1 Lenovo 197121       0  3月 12 19:38 '3D Objects'/
```

使用 df 命令查看磁盘空间:



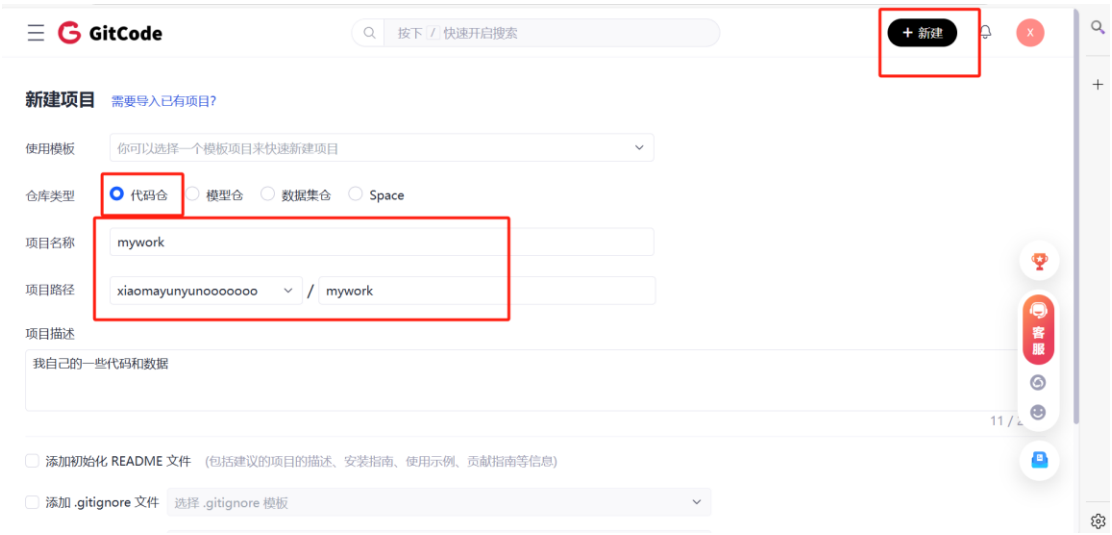
Ls –al / 命令:



Df –h 命令:看起来更加美观

```
Lenovo@DESKTOP-NT0RQTH MINGW64 ~
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
D:/Git          282G  8.7G  273G   4% /
C:              195G   44G  151G  23% /c

Lenovo@DESKTOP-NT0RQTH MINGW64 ~
$
```

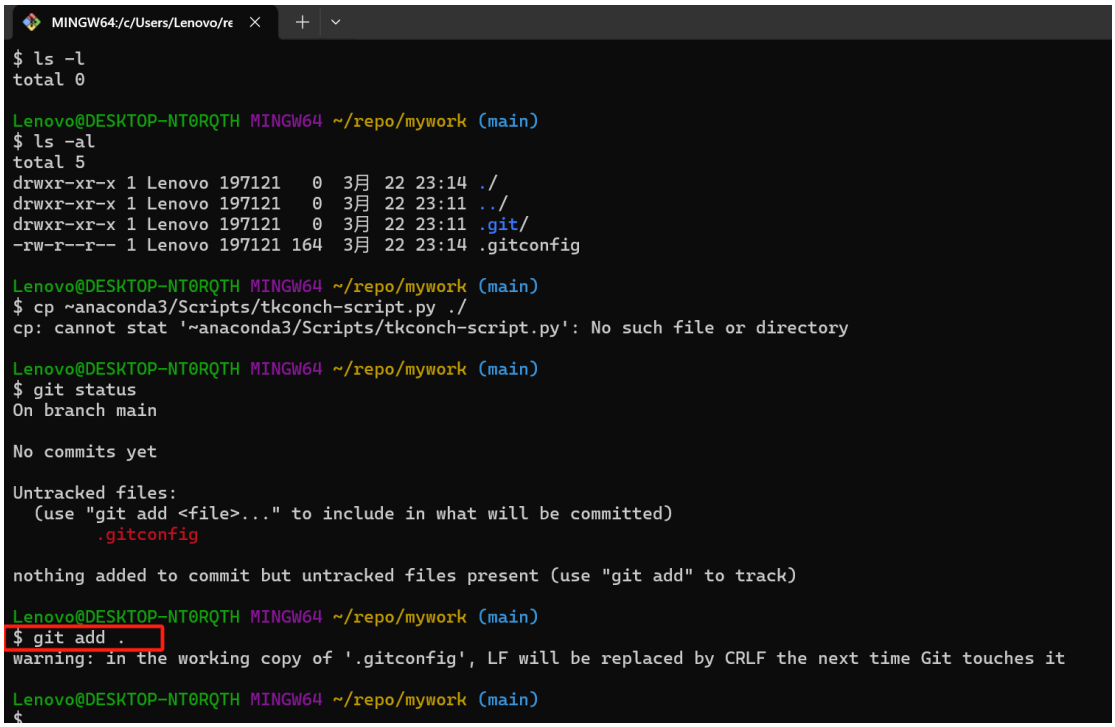
创建一个私人项目:



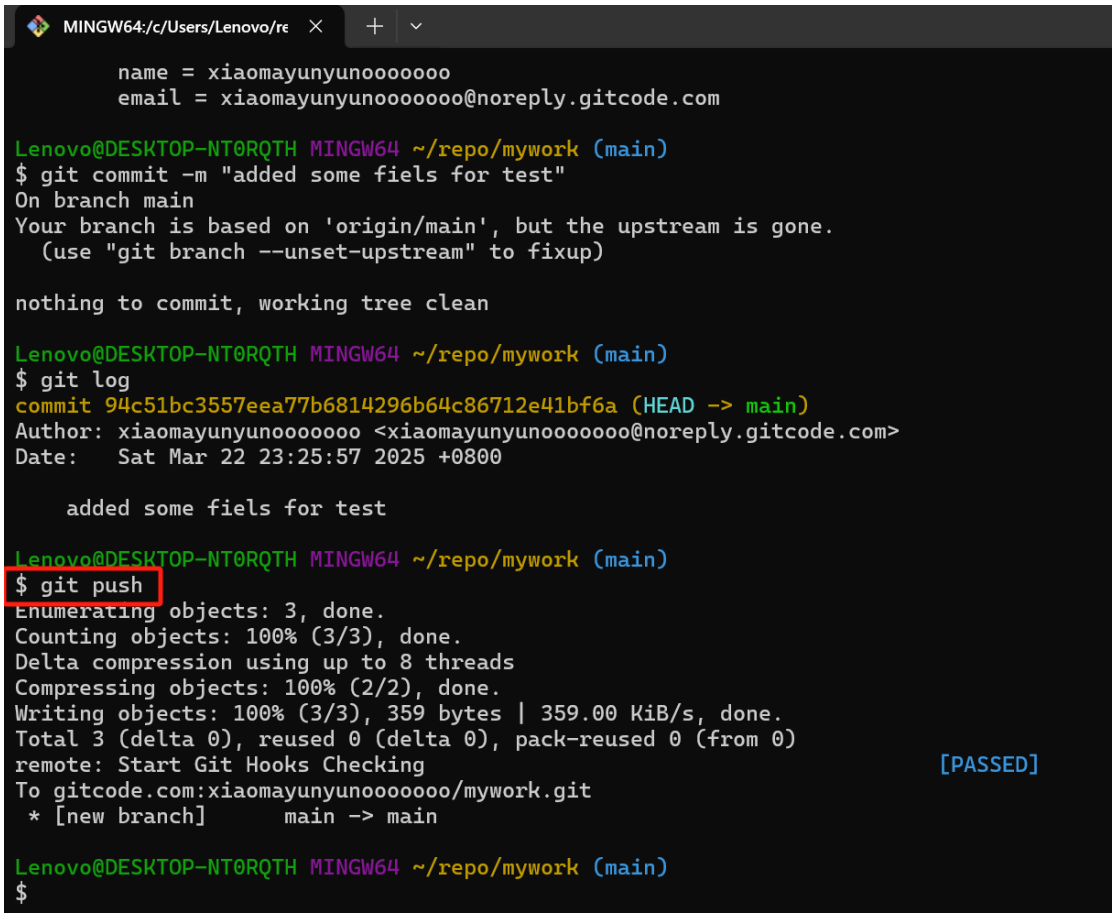
将文件复制到私人仓库:

```
MINGW64:/c/Users/Lenovo/re
total 4
drwxr-xr-x 1 Lenovo 197121 0  3月 22 23:11 mywork/
-rw-r--r-- 1 Lenovo 197121 0  3月 20 17:09 script1.py
drwxr-xr-x 1 Lenovo 197121 0  3月 20 22:14 week01/

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo
$ cd mywork/

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ ls -l
total 0

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git log
fatal: your current branch 'main' does not have any commits yet

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ cp ~/.gitconfig ./

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ ls -l
total 0

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ ls -al
total 5
drwxr-xr-x 1 Lenovo 197121   0  3月 22 23:14 ./
drwxr-xr-x 1 Lenovo 197121   0  3月 22 23:11 ../
drwxr-xr-x 1 Lenovo 197121   0  3月 22 23:11 .git/
-rw-r--r-- 1 Lenovo 197121 164  3月 22 23:14 .gitconfig

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$
```

Git add .命令 不让文件游离在仓库之外:

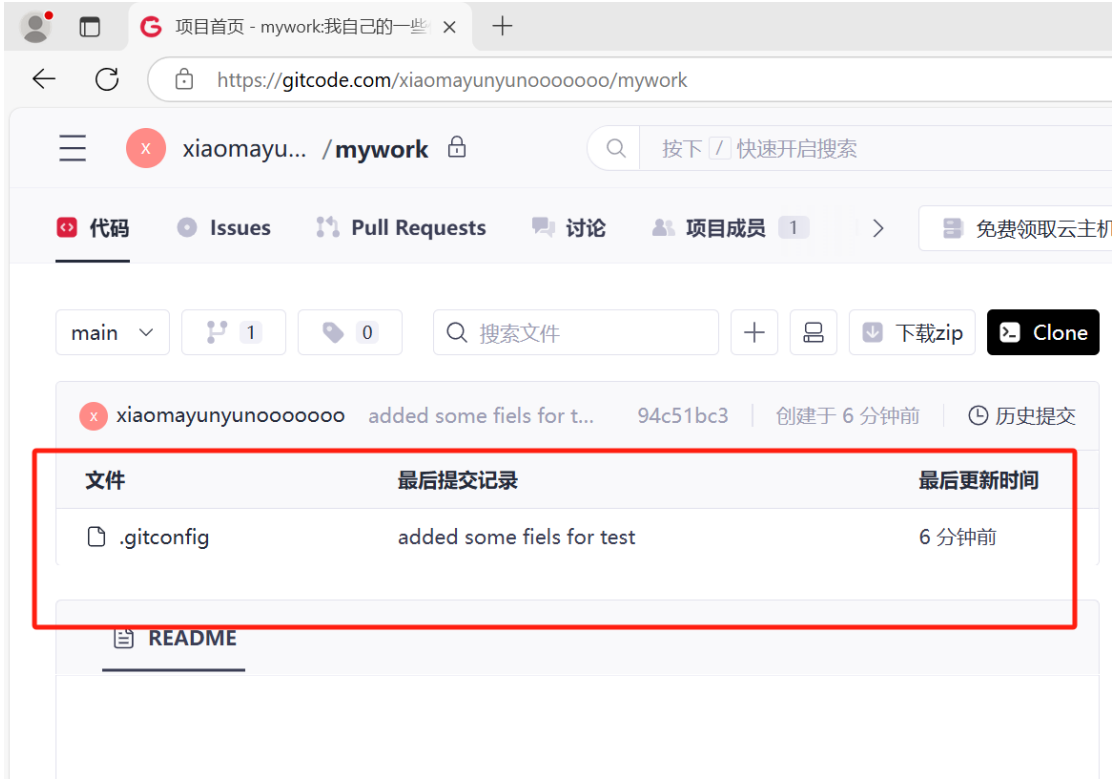


```
MINGW64:/c/Users/Lenovo/re
$ ls -l
total 0

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ ls -al
total 5
drwxr-xr-x 1 Lenovo 197121   0  3月 22 23:14 ./
drwxr-xr-x 1 Lenovo 197121   0  3月 22 23:11 ../
drwxr-xr-x 1 Lenovo 197121   0  3月 22 23:11 .git/
-rw-r--r-- 1 Lenovo 197121 164  3月 22 23:14 .gitconfig

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ cp ~anaconda3/Scripts/tkconch-script.py ./
cp: cannot stat '~anaconda3/Scripts/tkconch-script.py': No such file or directory

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/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)

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git add .
warning: in the working copy of '.gitconfig', LF will be replaced by CRLF the next time Git touches it

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$
```

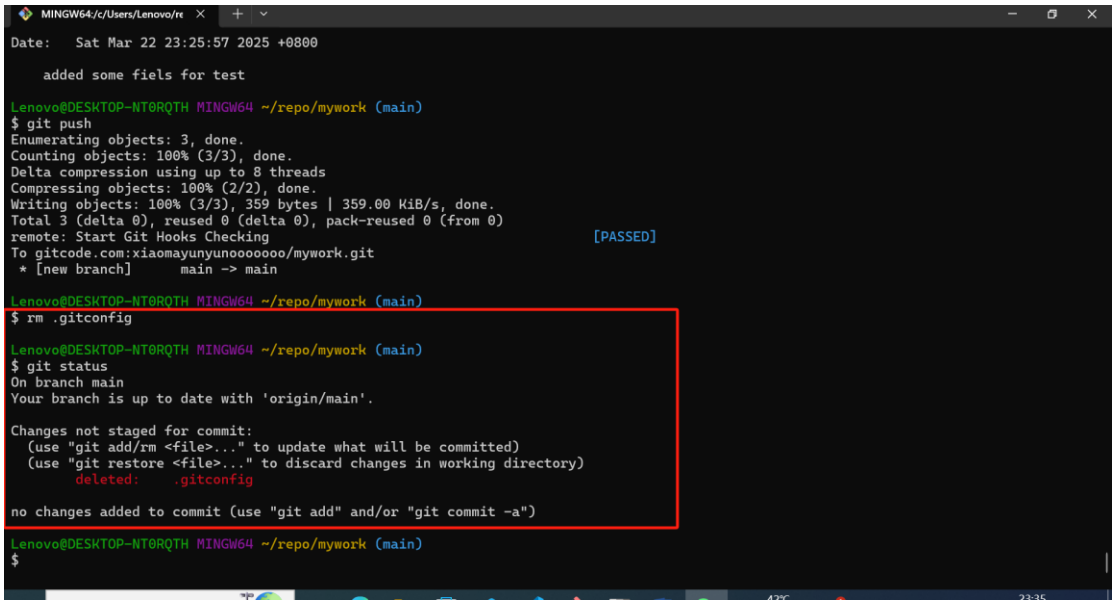


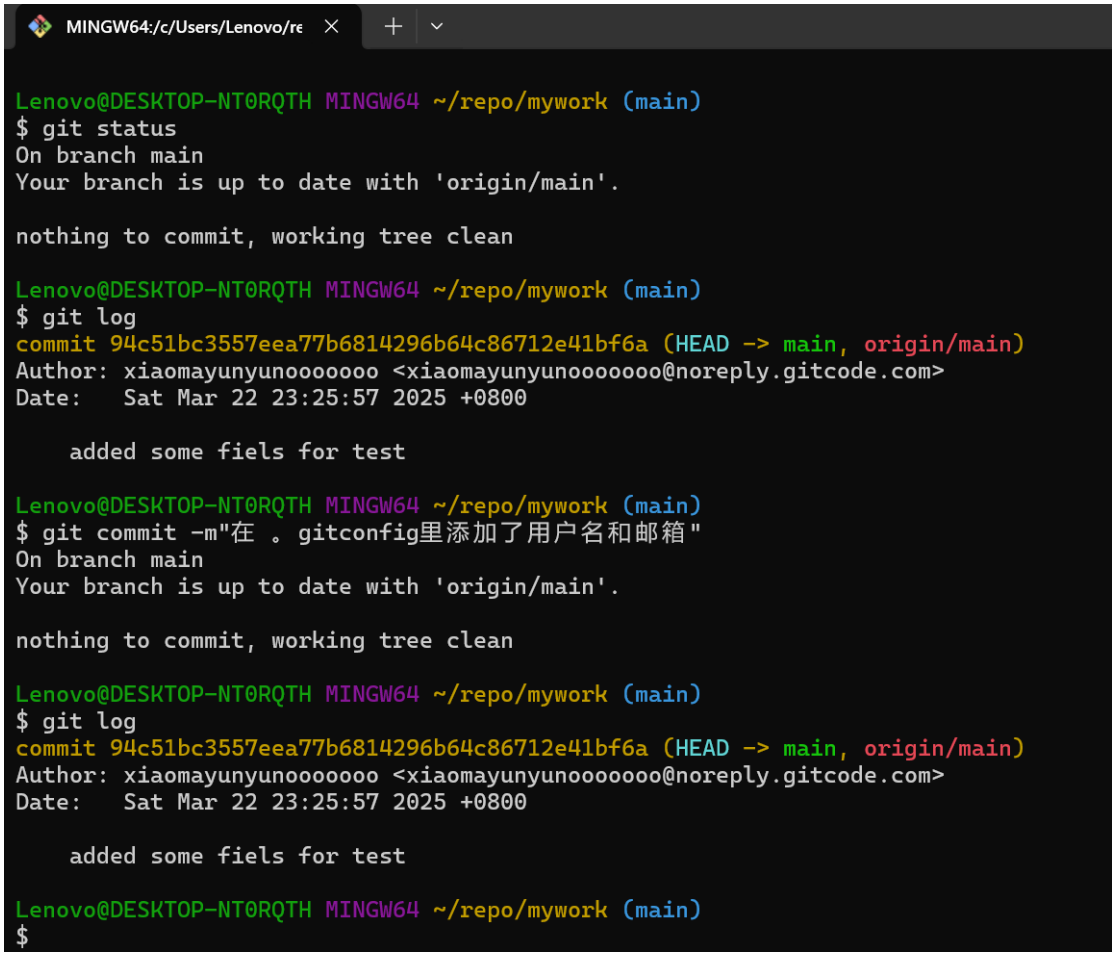
```
MINGW64:/c/Users/Lenovo/re
        name = xiaomayunyunooooooo
        email = xiaomayunyunooooooo@noreply.gitcode.com

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git commit -m "added some fiels 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

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git log
commit 94c51bc3557eea77b6814296b64c86712e41bf6a (HEAD -> main)
Author: xiaomayunyunooooooo <xiaomayunyunooooooo@noreply.gitcode.com>
Date:   Sat Mar 22 23:25:57 2025 +0800

    added some fiels for test

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 359 bytes | 359.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Start Git Hooks Checking                                    [PASSED]
To gitcode.com:xiaomayunyunooooooo/mywork.git
 * [new branch]      main -> main

Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$
```

Push 到 gitcode 上面：



将文件再删掉：




MINGW64:/c/Users/Lenovo/re
Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.
nothing to commit, working tree clean
Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git log
commit 94c51bc3557eea77b6814296b64c86712e41bf6a (HEAD -> main, origin/main)
Author: xiaomayunyunooooooo <xiaomayunyunooooooo@noreply.gitcode.com>
Date: Sat Mar 22 23:25:57 2025 +0800
added some fiels for test
Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git commit -m"在 。gitconfig里添加了用户名和邮箱"
On branch main
Your branch is up to date with 'origin/main'.
nothing to commit, working tree clean
Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$ git log
commit 94c51bc3557eea77b6814296b64c86712e41bf6a (HEAD -> main, origin/main)
Author: xiaomayunyunooooooo <xiaomayunyunooooooo@noreply.gitcode.com>
Date: Sat Mar 22 23:25:57 2025 +0800
added some fiels for test
Lenovo@DESKTOP-NT0RQTH MINGW64 ~/repo/mywork (main)
$