

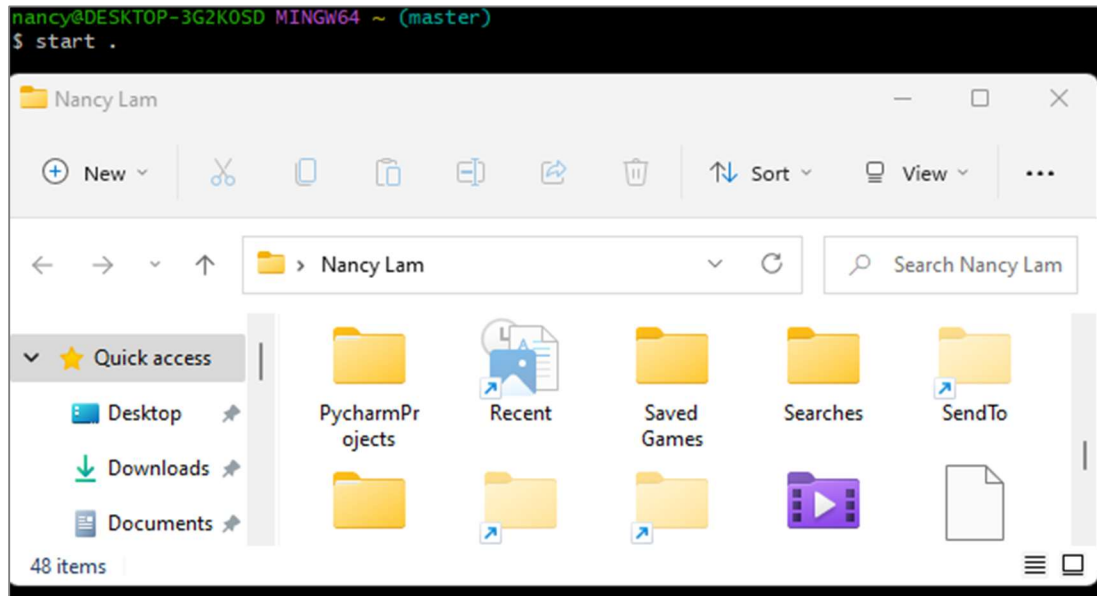
GIT

- **ls**: lists all files in the current directory
 - In Git Bash, we will type **ls** to open current directory
 - Below is a list of files/folders currently are in the current directory

```
MINGW64:/c/Users/nancy
nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ ls
'3D Objects' /
AppData/
'Application Data'@
Contacts/
Cookies@
Desktop/
Documents/
Downloads/
Favorites/
IntelGraphicsProfiles/
Links/
'Local Settings'@
Music/
'My Documents'@
NTUSER.DAT
NTUSER.DAT{e70ebc53-c7cc-11ec-8125-0042384b6b61}.TM.b1f
NTUSER.DAT{e70ebc53-c7cc-11ec-8125-0042384b6b61}.TMContainer00000000000000000001.regtrans-ms
NTUSER.DAT{e70ebc53-c7cc-11ec-8125-0042384b6b61}.TMContainer00000000000000000002.regtrans-ms
NetHood@
OneDrive/
PrintHood@
PycharmProjects/
Recent@
'Saved Games' /
Searches/
SendTo@
'Start Menu'@
Templates@
Videos/
__pycache__ /
hello/
ntuser.dat.LOG1
ntuser.dat.LOG2
source/
```

GIT

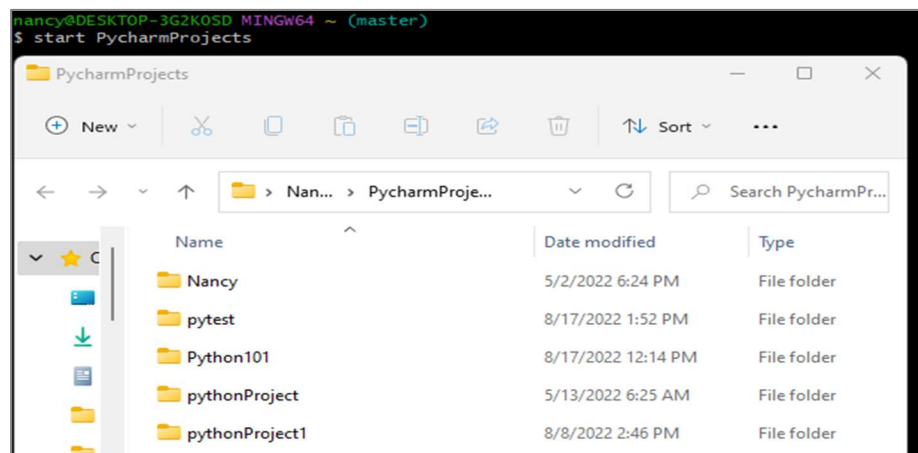
- **start .** to open to see all folders listed under ls
 - To visualize all the files/folders that we have under the current directory, we will type in Git Bash **start .**
 - A new window will pop up showing all the files/folders that you're having now



- **ls PycharmProjects:** to go to PycharmProjects directory, we will need to type **ls PycharmProjects**

```
nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ ls PycharmProjects
Nancy/ Python101/ pytest/ pythonProject/ pythonProject1/
```

- **start PycharmProjects:** to open PycharmProjects folder

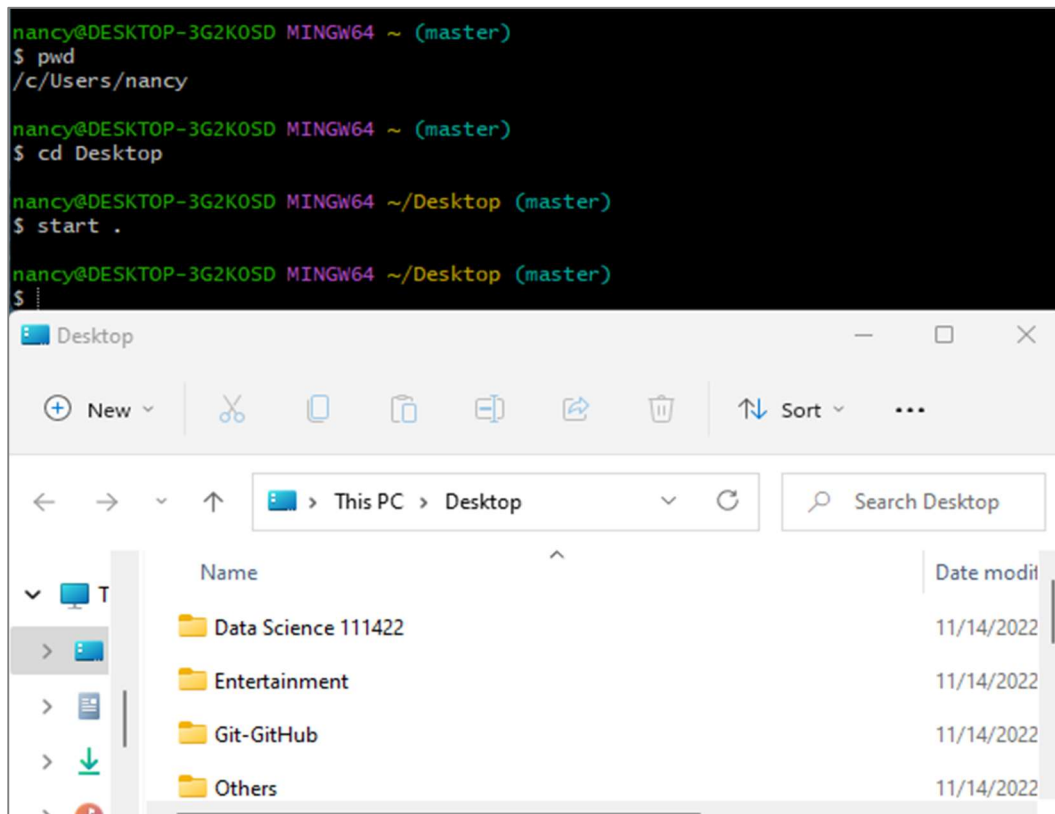


GIT

- **pwd**: prints out the current directory (stands for “print working directory”)

```
nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ pwd
/c/Users/nancy
```

- **cd**: change directory
 - To change the directory to Desktop, we will type **cd Desktop** and hit enter
 - To verify that we now are in Desktop directory, we can type **start .**



GIT

- First, we print the working directory
`pwd`
- Second, we will change the directory to Desktop
`cd Desktop`
- We can open the directory to see how many folders/files we're having in Desktop
`start .`
- Or type `ls` to see a list of files/folders we have in Desktop
`ls`
- Next, we will change directory from Desktop to Entertainment folder
`cd Entertainment`
- And type `ls` to see a list of files/folders that we have in the Entertainment folder
`ls`
- Or we can `start .` to open Entertainment folder

```
nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ pwd
/c/Users/nancy

nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ cd Desktop

nancy@DESKTOP-3G2K0SD MINGW64 ~/Desktop (master)
$ start .

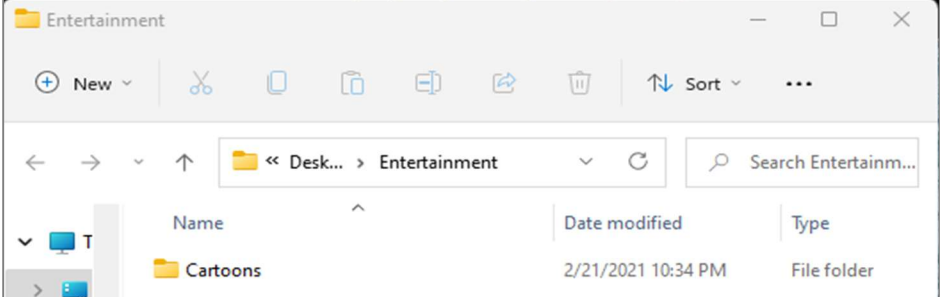
nancy@DESKTOP-3G2K0SD MINGW64 ~/Desktop (master)
$ ls
'Basic Git Bash.docx'  Git-GitHub/  Slack.lnk*  '~$sic Git Bash.docx'
'Data Science 111422' Others/      'Visual Studio Code.lnk'*  '~WRL3831.tmp'
Entertainment/        Resources/   Webex.lnk*

nancy@DESKTOP-3G2K0SD MINGW64 ~/Desktop (master)
$ cd Entertainment/

nancy@DESKTOP-3G2K0SD MINGW64 ~/Desktop/Entertainment (master)
$ pwd
/c/Users/nancy/Desktop/Entertainment

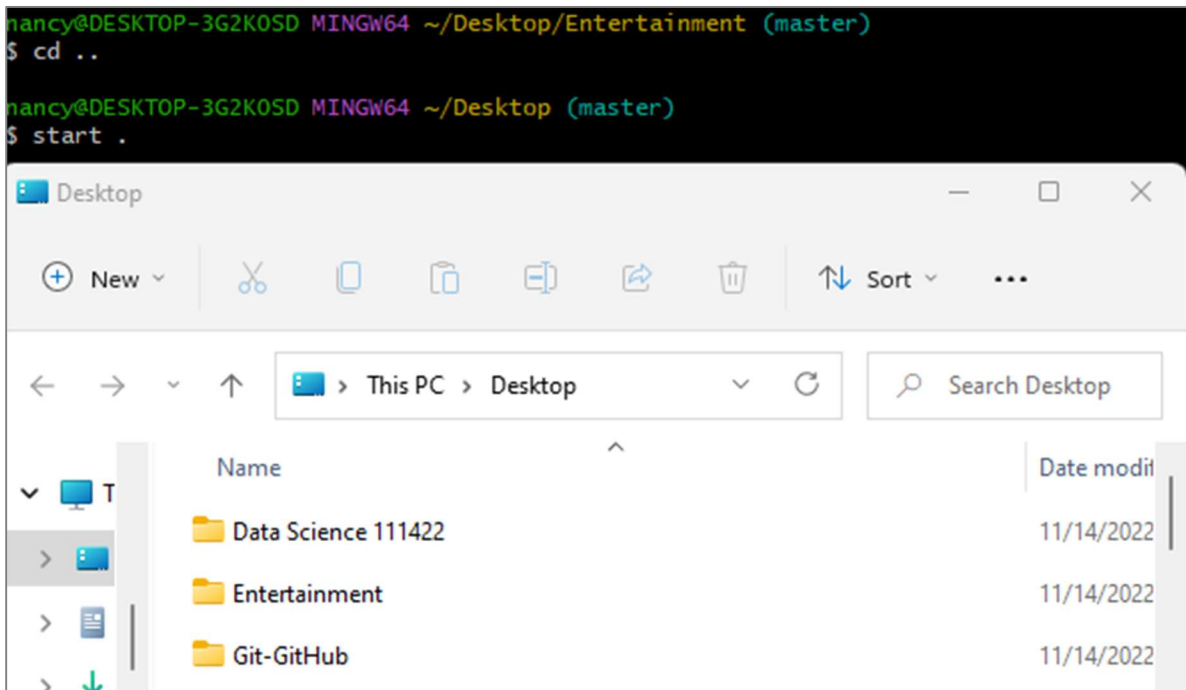
nancy@DESKTOP-3G2K0SD MINGW64 ~/Desktop/Entertainment (master)
$ ls
Cartoons/

nancy@DESKTOP-3G2K0SD MINGW64 ~/Desktop/Entertainment (master)
$ start .
```

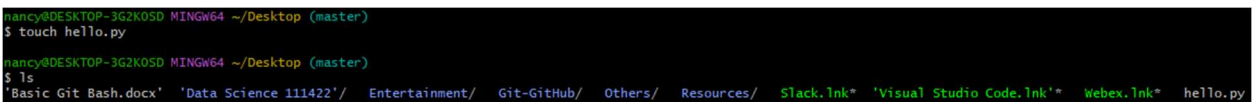


GIT

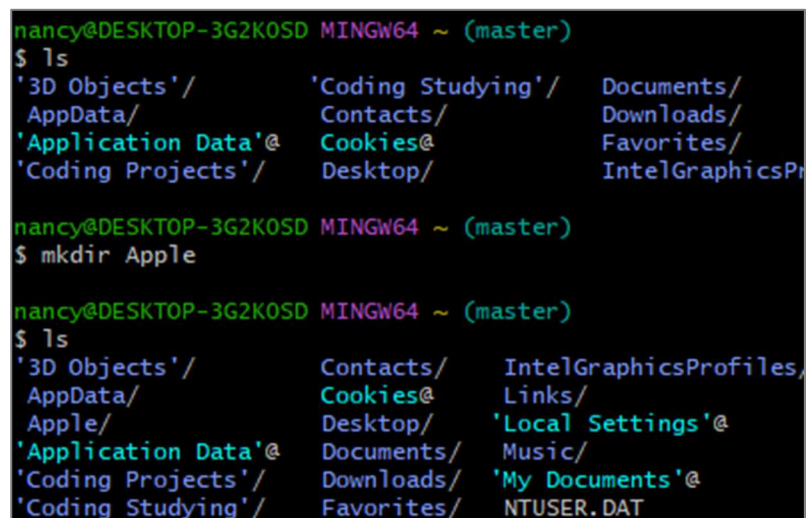
- **cd ..** take back 1 level (to go back the previous folder)



- **touch**: to create a new file
 - To create a Python file name "hello.py", we will type it Git Bash **touch hello.py**



- **mkdir**: create a new directory (to create a new folder)
 - To create an Apple folder in the current directory, we will type **mkdir Apple**



GIT

- **rm**: to delete/remove files
 - To remove hello.py, student.py, teacher.py file in the Coding Studying folder, we will type **rm hello.py student.py teacher.py**

```
nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ ls
'3D Objects' /      Contacts/      IntelGraphicsProfiles/
AppData/           Cookies@      Links/
Apple/            Desktop/     'Local Settings'@
'Application Data'@ Documents/    Music/
'Coding Projects' / Downloads/    'My Documents'@
'Coding Studying' / Favorites/    NTUSER.DAT

nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ cd "Coding Studying"

nancy@DESKTOP-3G2K0SD MINGW64 ~/Coding Studying (master)
$ ls
hello.py  student.py  teacher.py

nancy@DESKTOP-3G2K0SD MINGW64 ~/Coding Studying (master)
$ rm hello.py student.py teacher.py

nancy@DESKTOP-3G2K0SD MINGW64 ~/Coding Studying (master)
$ ls

nancy@DESKTOP-3G2K0SD MINGW64 ~/Coding Studying (master)
$
```

- **rm -rf**: delete/remove directory
 - To remove the Apple folder that we created previously, we will type **rm -rf Apple**

```
nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ ls
'3D Objects' /      Contacts/      IntelGraphicsProfiles/  NTUSE
AppData/           Cookies@      Links/                  NTUSE
Apple/            Desktop/     'Local Settings'@      NTUSE
'Application Data'@ Documents/    Music/                  NetHo
'Coding Projects' / Downloads/    'My Documents'@        OneDr
'Coding Studying' / Favorites/    NTUSER.DAT             Pictu

nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ rm -rf Apple

nancy@DESKTOP-3G2K0SD MINGW64 ~ (master)
$ ls
'3D Objects' /      'Coding Studying' /  Documents/
AppData/           Contacts/            Downloads/
'Application Data'@ Cookies@             Favorites/
'Coding Projects' / Desktop/             IntelGraphicsProfiles/
```