

## Part one: GUI installation operation

Before starting the GUI installation, your computer should be configured with JDK8. We have provided a reference document for Windows system configuration jdk8 in the compressed package, and you can also search for configuration instructions that are suitable for your system through Google.

### Installation steps:

Step 1: Decompress the compressed package "GUI main", as shown in Figure 1. Please note that the extracted path cannot contain Chinese characters, spaces, or other unrecognized characters.

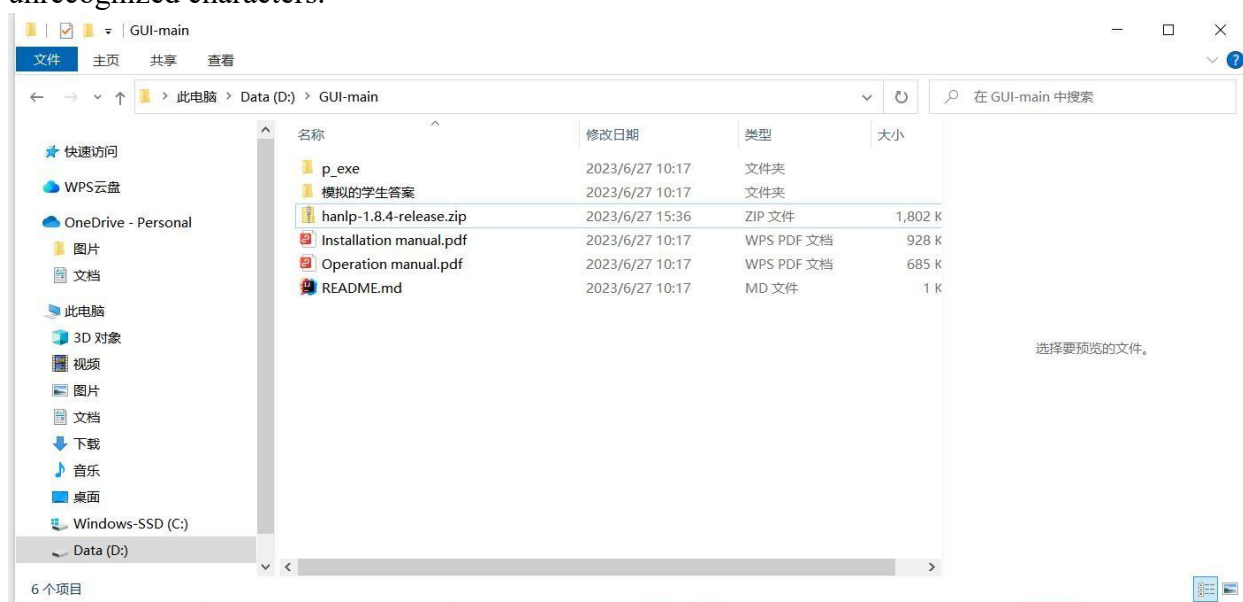


Figure 1: Decompress the compressed package 'GUI main'

Step 2: Copy the hanlp-1.8.4-release.zip file from the GUI main folder to GUImain\p\_exe\p\_exe\Release\Python\Lib\site-packages\pyhanlp\static, as shown in Figure 2.

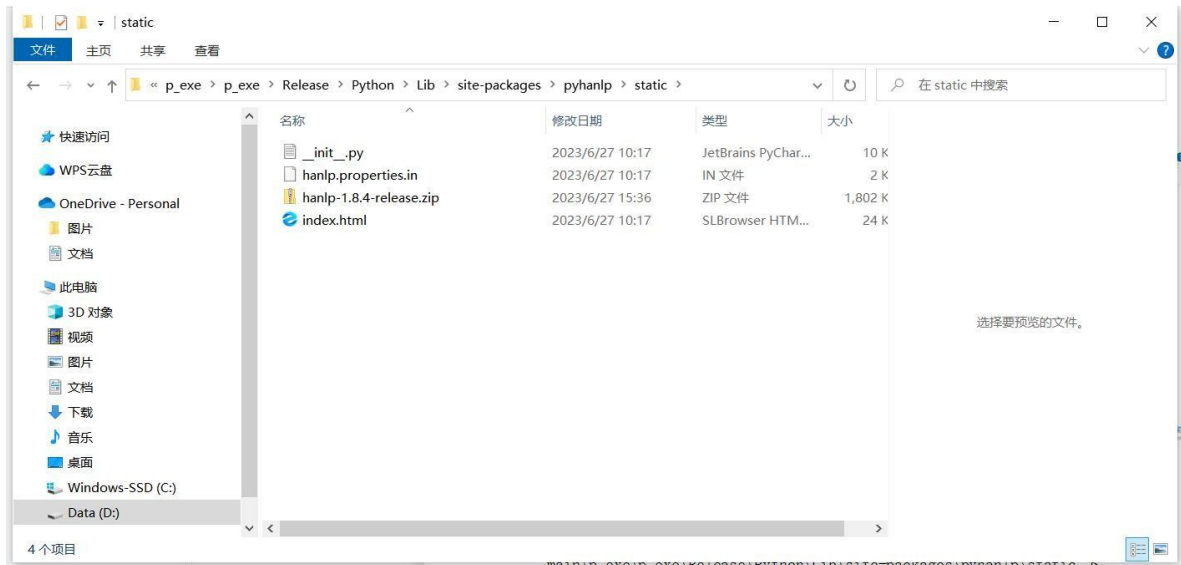


Figure 2: Copying File

Step 3, go back to the root directory GUI main, open the folder "p\_exe\p\_exe", and locate 'Release', as shown in Figure 3. Then double-click to enter the folder. Find the file named "Startup Program. exe", as shown in Figure 4.

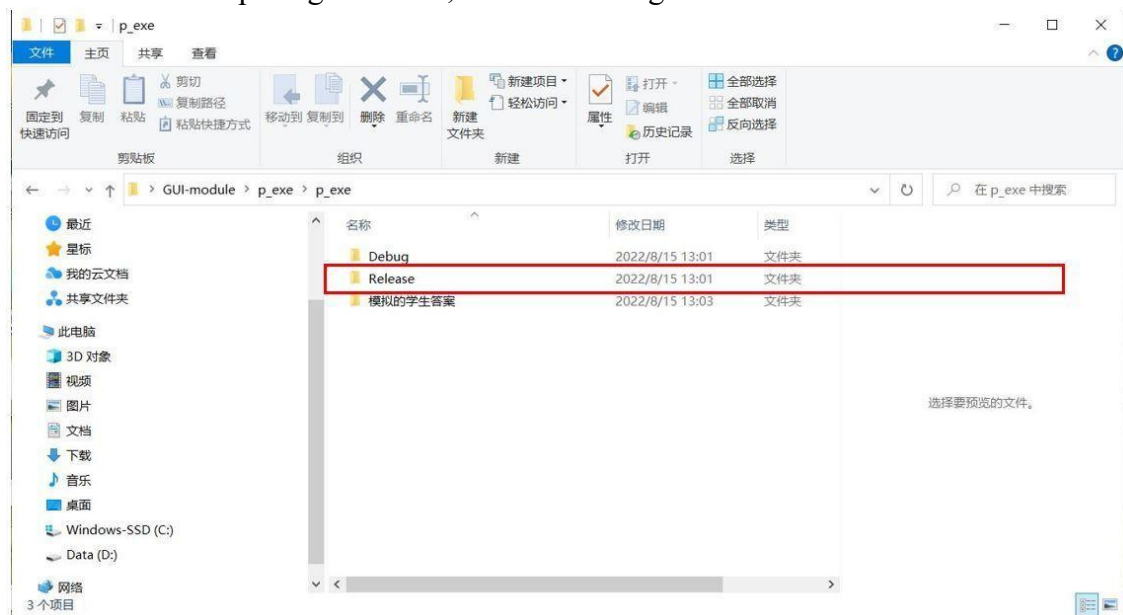


Figure 3: Folder 'Release'

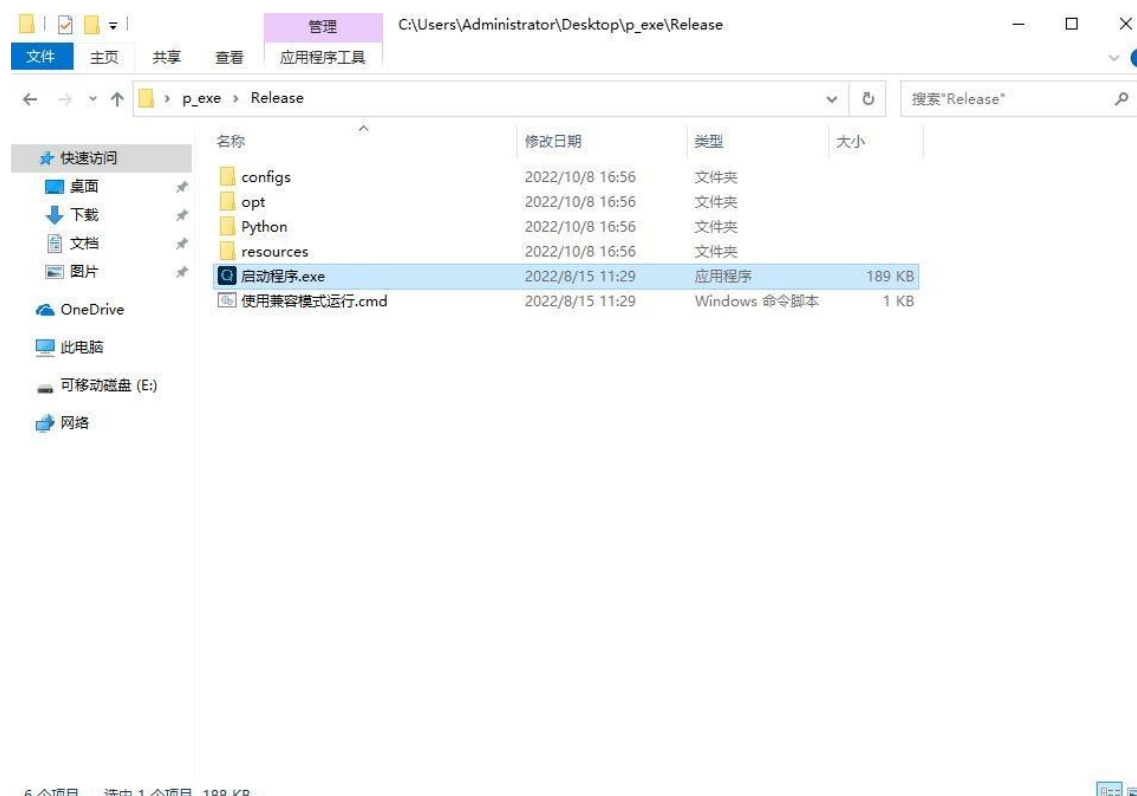


Figure 4: Software "Startup Program. exe"

Step 3: Run the '启动程序.exe' file **as an administrator** and a pop-up window in Figure 5 will appear (If a computer has never run a project program before, this time may take a long time.). The first installation requires downloading some software packages, as shown in Figure 5, so please be patient and wait for a period of time before the "GUI" software window will automatically pop up, as shown in Figure 6. At this point, the installation is complete. Alternatively, a prompt window in Figure 7 appears and click OK. Continue to wait for 3 to 4 minutes. The 'GUI' software window will automatically appear and the installation is complete.

```

D:\GUI-main\p_exe\p_exe\Release\启动程序.exe
D:\GUI-main\p_exe\p_exe\Release>.Python\python.exe -c "import sys;sys.path.append('./Python');sys.path.append('./Python/Lib/site-packages');sys.path.append('./Python/Scripts');from qpt.run import module;module.run()"
D:\GUI-main\p_exe\p_exe\Release\Python\Lib\site-packages\distutils\__init__.py:33: UserWarning: Setuptools is replacing distutils.
  warnings.warn("Setuptools is replacing distutils.")
--[2023-06-30 13:05:05,912] [INFO] | QPT Runtime版本号为1.0b4.dev6, 若无法使用该程序, 可向程序发布者或GitHub: QPT-Family /QPT提交issue寻求帮助
--[2023-06-30 13:05:09,440] [INFO] | 初次使用将会适应本地环境, 可能需要几分钟时间, 请耐心等待...
初始化进度-30 134/5 | 80.00% 初始化完毕--[2023-06-30 13:05:54,185] [INFO] | -----WARNING SUMMARY
--[2023-06-30 13:05:54,186] [INFO] | -----ERROR SUMMARY
--[2023-06-30 13:05:54,186] [INFO] | 生成状态WARNING:0 ERROR:0
PS D:\GUI-main\p_exe\p_exe\Release> cd "D:\GUI-main\p_exe\p_exe\Release\resources";./Python/python.exe "D:\GUI-main\p_exe\p_exe\Release\resources\GUI_update.py"; echo "QPT OUTPUT STATUS CODE" $?
使用本地 D:\GUI-main\p_exe\p_exe\Release\Python\Lib\site-packages\pyhanlp\static\hanlp-1.8.4-release.zip, 忽略 https://file.hankcs.com/hanlp/hanlp-1.8.4-release.zip
下载 https://file.hankcs.com/hanlp/data-for-1.7.5.zip 到 D:\GUI-main\p_exe\p_exe\Release\Python\Lib\site-packages\pyhanlp\static\data-for-1.8.4.zip
  
```

Figure 5: Pop-up window

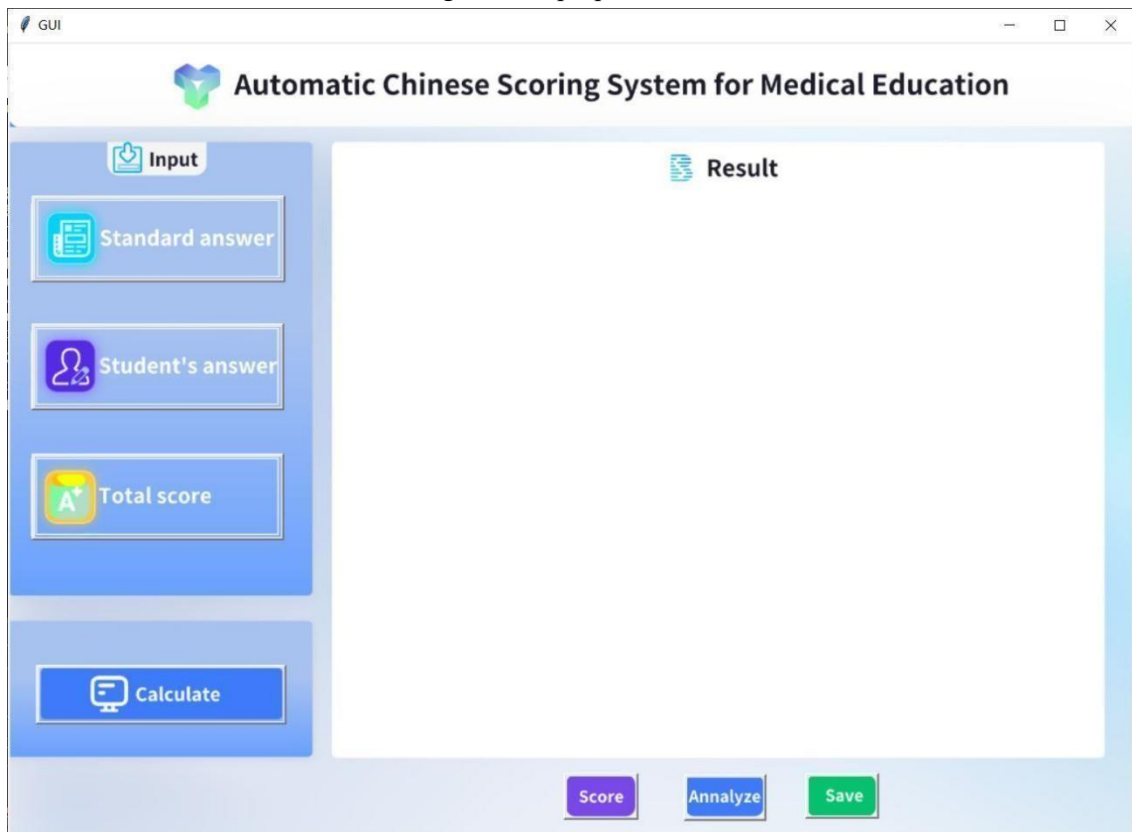


Figure 6: "GUI" graphical interface

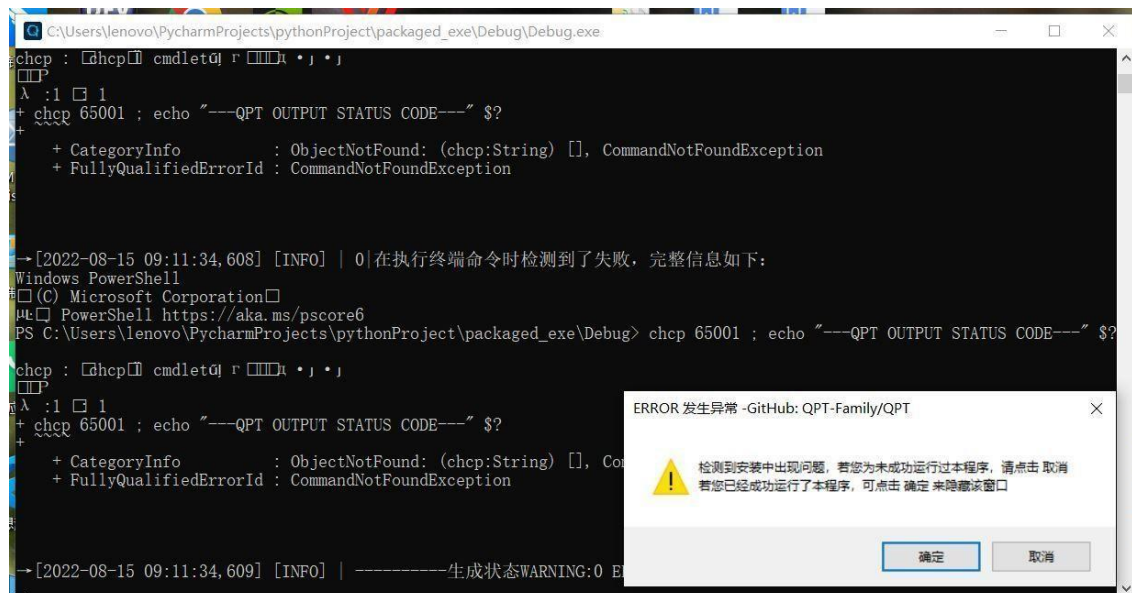


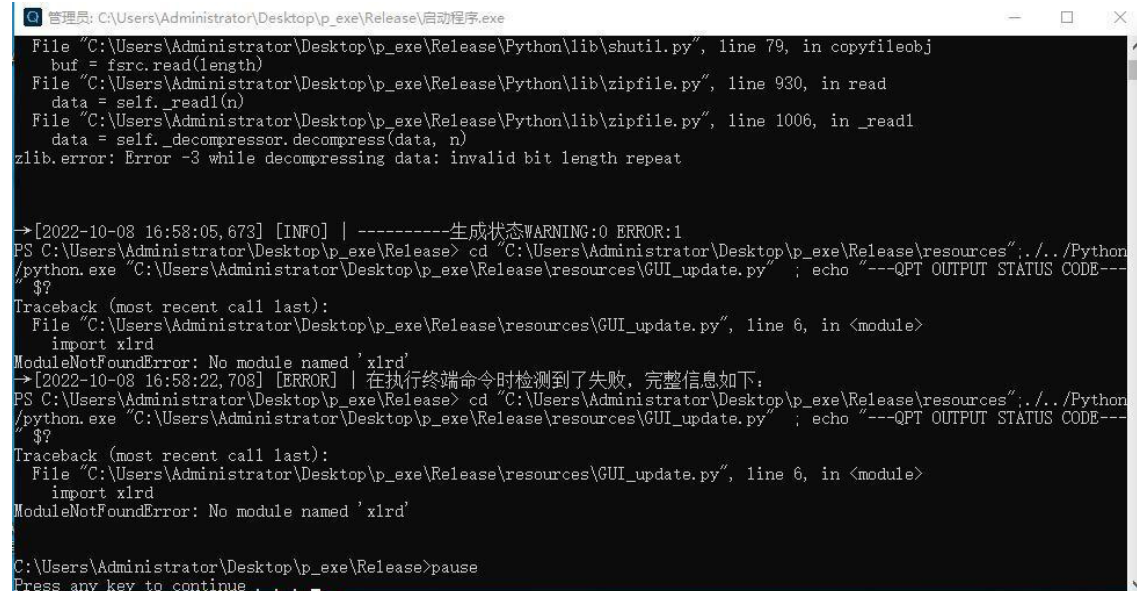
Figure 7: Pop-up window

Step 4. Continue to wait for 3 to 4 minutes. The "GUI" software window will automatically appear. At this point, the installation is finished.

**Note that do not close the 'Debug. exe' window when running the GUI interface.**

### Question 1:

If the pop-up window shown in Figure 6 appears in advance in the third step, click OK, and if the pop-up window shown in Figure 8 appears next,



```
File "C:\Users\Administrator\Desktop\p_exe\Release\Python\lib\shutil.py", line 79, in copyfileobj
    buf = fsrc.read(length)
File "C:\Users\Administrator\Desktop\p_exe\Release\Python\lib\zipfile.py", line 930, in read
    data = self._readl(n)
File "C:\Users\Administrator\Desktop\p_exe\Release\Python\lib\zipfile.py", line 1006, in _readl
    data = self._decompressor.decompress(data, n)
zlib.error: Error -3 while decompressing data: invalid bit length repeat

→[2022-10-08 16:58:05,673] [INFO] | -----生成状态WARNING:0 ERROR:1
PS C:\Users\Administrator\Desktop\p_exe\Release> cd "C:\Users\Administrator\Desktop\p_exe\Release\resources" ; ./.Python
/python.exe "C:\Users\Administrator\Desktop\p_exe\Release\resources\GUI_update.py" ; echo "----QPT OUTPUT STATUS CODE---
$?"
Traceback (most recent call last):
  File "C:\Users\Administrator\Desktop\p_exe\Release\resources\GUI_update.py", line 6, in <module>
    import xlrd
ModuleNotFoundError: No module named 'xlrd'
→[2022-10-08 16:58:22,708] [ERROR] | 在执行终端命令时检测到了失败, 完整信息如下:
PS C:\Users\Administrator\Desktop\p_exe\Release> cd "C:\Users\Administrator\Desktop\p_exe\Release\resources" ; ./.Python
/python.exe "C:\Users\Administrator\Desktop\p_exe\Release\resources\GUI_update.py" ; echo "----QPT OUTPUT STATUS CODE---
$?"
Traceback (most recent call last):
  File "C:\Users\Administrator\Desktop\p_exe\Release\resources\GUI_update.py", line 6, in <module>
    import xlrd
ModuleNotFoundError: No module named 'xlrd'

C:\Users\Administrator\Desktop\p_exe\Release>pause
Press any key to continue . . .
```

Figure 8: Missing module

Then proceed to the following steps:

First, open the folders Debbug, Python, Lib, sit-packages in turn, as shown in Figure 9.

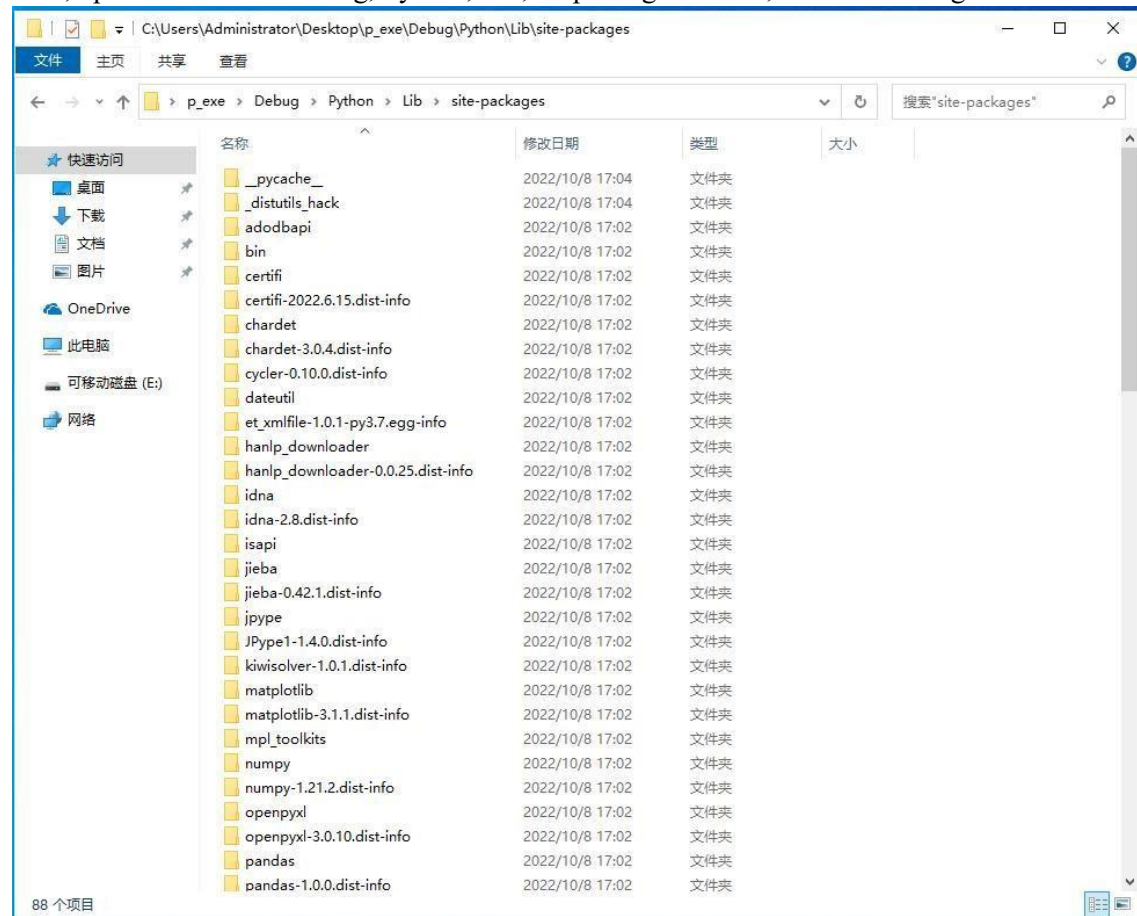


Figure 9: Open the sit-packages folder

Then, select all the files in the current folder and copy them. Open the Release folder again, as shown in Figure 10.

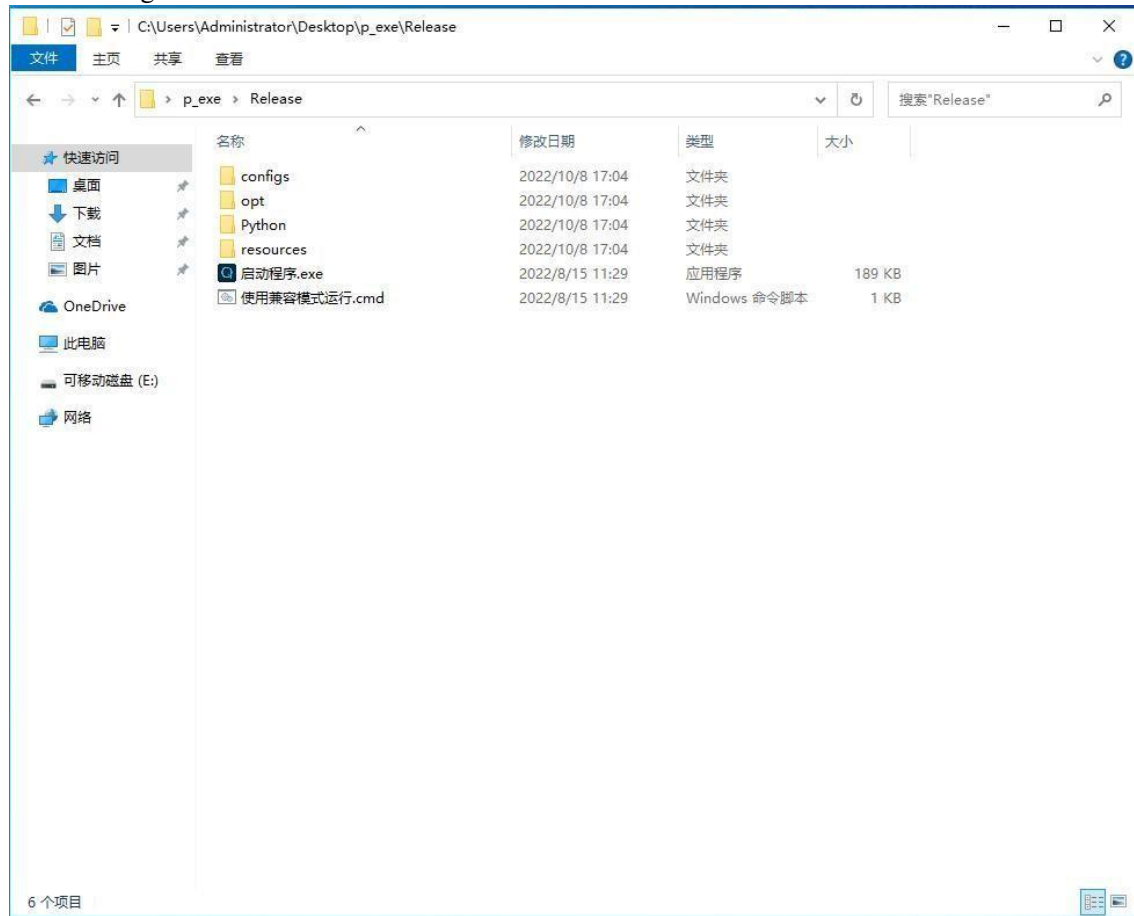


Figure 10: Opening the Release folder

Then, paste all the folders just copied into the current folder, as shown in Figure 11.



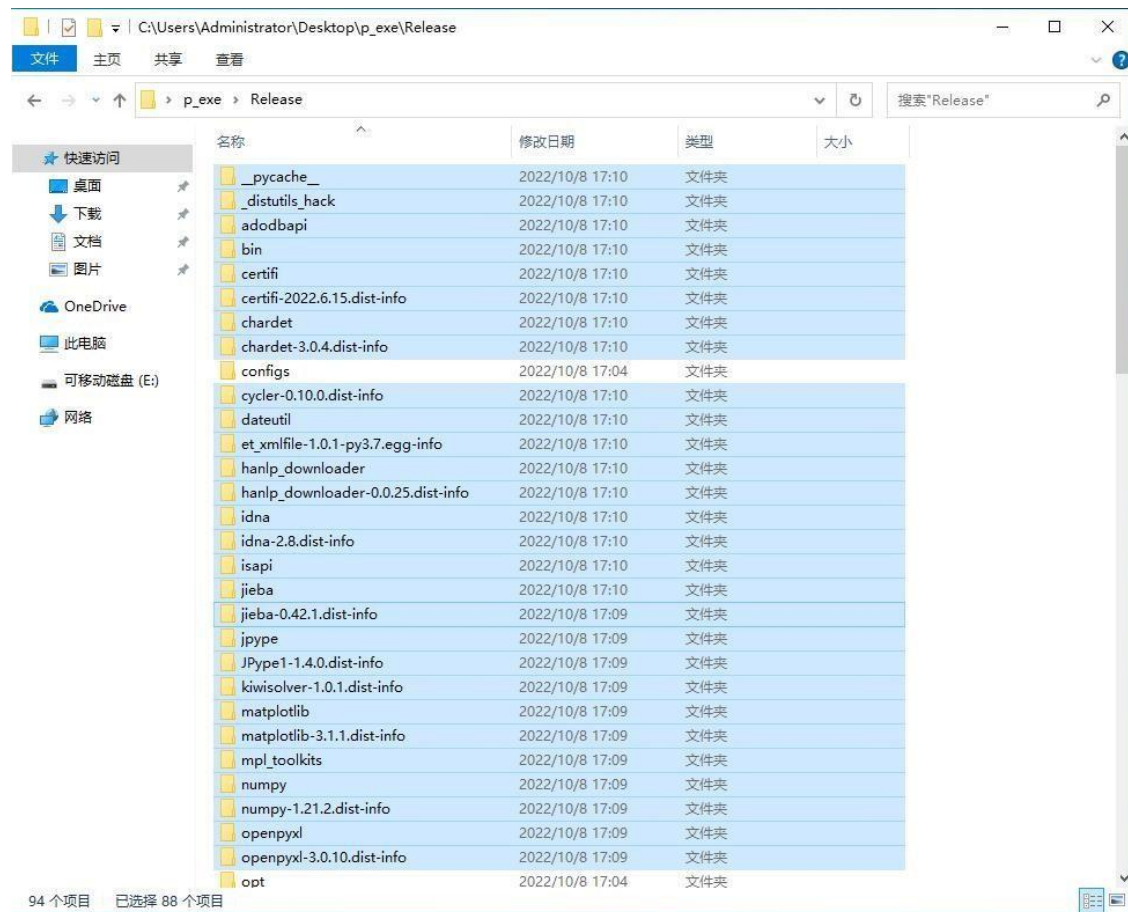


Figure 11: Copying files

Finally, open the "启动程序.exe" file. Repeat the fourth step above, and the interface shown in Figure 7 will appear, which means that the installation is successful.

## Question 2:

If JDK8 is not installed as shown in Figure 12 in the third step, please follow the prompts to configure JDK8 first.

```

D:\GUI-main\GUI-main\p_exe x + v
QPT提交issue寻求帮助
→[2023-06-27 22:58:21,638] [INFO] | 初次使用将会适应本地环境, 可能需要几分钟时间, 请耐心等待...
初始化进度27 22:4/5 |-----| 80.00% 初始化完毕→[2023-06-27 22:58:21,669] [INFO] | -----WARNING SUMMA
RY
→[2023-06-27 22:58:21,669] [INFO] | -----ERROR SUMMARY
→[2023-06-27 22:58:21,669] [INFO] | -----生成状态WARNING:0 ERROR:0
PS D:\GUI-main\GUI-main\p_exe\p_exe\Release> cd "D:\GUI-main\GUI-main\p_exe\p_exe\Release\resources";../Python/python.
exe "D:\GUI-main\GUI-main\p_exe\p_exe\Release\resources\GUI_update.py" ; echo "---QPT OUTPUT STATUS CODE---" $?
使用本地 D:\GUI-main\GUI-main\p_exe\p_exe\Release\Python\Lib\site-packages\pyhanlp\static\data-for-1.8.4.zip, 忽略 https
://file.hankcs.com/hanlp/data-for-1.7.5.zip
解压 data.zip...
找不到Java, 请安装JDK8: https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html
或设置环境变量 JAVA_HOME : https://bbs.hankcs.com/t/hanlp-java/999
是否前往 https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html ? (y/n)n

→[2023-06-27 22:59:04,570] [ERROR] | 在执行终端命令时检测到了失败, 完整信息如下:
PS D:\GUI-main\GUI-main\p_exe\p_exe\Release> cd "D:\GUI-main\GUI-main\p_exe\p_exe\Release\resources";../Python/python.
exe "D:\GUI-main\GUI-main\p_exe\p_exe\Release\resources\GUI_update.py" ; echo "---QPT OUTPUT STATUS CODE---" $?
使用本地 D:\GUI-main\GUI-main\p_exe\p_exe\Release\Python\Lib\site-packages\pyhanlp\static\data-for-1.8.4.zip, 忽略 https
://file.hankcs.com/hanlp/data-for-1.7.5.zip
解压 data.zip...
找不到Java, 请安装JDK8: https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html
或设置环境变量 JAVA_HOME : https://bbs.hankcs.com/t/hanlp-java/999
---QPT COMPATIBLE_INPUT_START_FLAG---C:\Users\yan\AppData\Local\Temp\Python_PIPE\2b38df6a-2f11-43c7-adaa-8d1d1632bc26.tx
t---QPT COMPATIBLE_INPUT_SPLIT_FLAG---是否前往 https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2
133151.html ? (y/n)---QPT COMPATIBLE_INPUT_END_FLAG---
  
```

Figure 11: JDK8