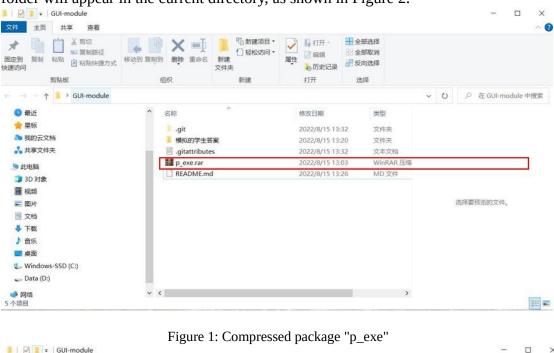
## Part one: GUI installation operation

Step 1: Unzip the compressed package "p\_exe", as shown in Figure 1. Please note that the decompressed path cannot appear in Chinese. After decompression, the "p\_exe" folder will appear in the current directory, as shown in Figure 2.



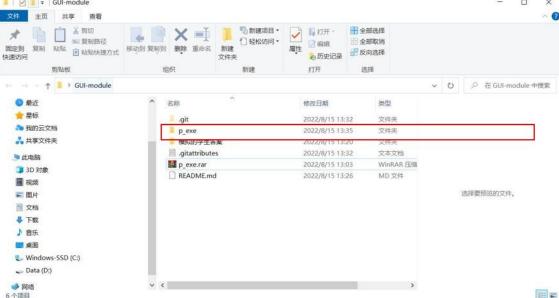


Figure 2: Folder "p\_exe"

Step 2: Open the folder "p\_exe" and find "Debug", as shown in Figure 3. Then double-click to enter the folder and find the file named "Debug.exe", as shown in Figure 4.

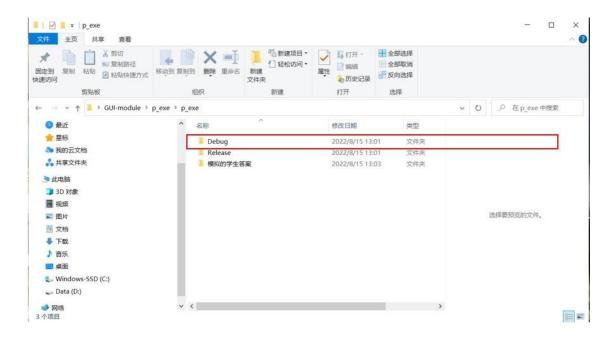


Figure 3: Folder "Debug"

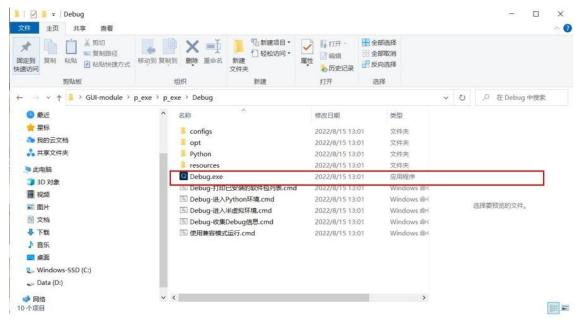


Figure 4: Software "Debug.exe"

Step 3: Double-click the "Debug.exe" file and the pop-up window shown in Figure 5 will appear. After a while, the prompt window shown in Figure 6 will appear. Click OK.

```
C:\Users\lenovo\PycharmProjects\pythonProject\packaged exe\Debug\Debug.exe
 →[2022-08-15 09:04:19,651] [INF0] | 0|在执行终端命令时检测到了失败,完整信息如下:
chcp : [dhcp[]] cmdletű! r [][]] • , • ,
     :1 🛮 1
  chcp 65001; echo "---QPT OUTPUT STATUS CODE---" $?
        + CategoryInfo : ObjectNotFound: (chcp:String) [], CommandNotFoundException + FullyQualifiedErrorId : CommandNotFoundException
→ [2022-08-15 09:04:19,652] [INFO] | -------生成状态WARNING:0 ERROR:2
→ [2022-08-15 09:04:32,462] [DEBUG] | SHELL: cd "C:\Users\lenovo\PycharmProjects\pythonProject\packaged_exe\Debug\resources": /.../Python/python.exe "C:\Users\lenovo\PycharmProjects\pythonProject\packaged_exe\Debug\resources\GUI_update.py"
S C:\Users\lenovo\PycharmProjects\pythonProject\packaged_exe\Debug\resources\GUI_update.py"
S C:\Users\lenovo\PycharmProjects\pythonProject\packaged_exe\Debug\resources\GUI_update.py"
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                                                                                                             Figure 5: Pop-up window
  C:\Users\lenovo\PycharmProjects\pythonProject\packaged_exe\Debug\Debug.
             : [dhcp[] cmdletűļ г ШД •ј•ј
        :1 🗆 1
     chcp 65001; echo "---QPT OUTPUT STATUS CODE---" $?
          + CategoryInfo : ObjectNotFound: (chcp:String) [], CommandNotFoundException + FullyQualifiedErrorId : CommandNotFoundException
  →[2022-08-15 09:11:34,608] [INFO] | 0|在执行终端命令时检测到了失败,完整信息如下:
indows PowerShell
  □ (C) Microsoft Corporation□
4E□ PowerShell https://aka.ms/pscore6
PS C:\Users\lenovo\PycharmProjects\pythonProject\packaged_exe\Debug> chcp 65001 ; echo "---QPT OUTPUT STATUS CODE---" $?
   hcp : ⊡hcp□ cmdletű! r□□□ • , • ,
    :1 🗆 1 chec 65001 ; echo "---QPT OUTPUT STATUS CODE---" $?
                                                                                                                                                                       ERROR 发生异常 -GitHub: QPT-Family/QPT
              \begin{array}{lll} {\tt CategoryInfo} & : & {\tt ObjectNotFound:} & ({\tt chcp:String}) & [], & {\tt ConfullyQualifiedErrorId:} & : & {\tt CommandNotFoundException} \\ \end{array} 
                                                                                                                                                                                        检测到安装中出现问题,若您为未成功运行过本程序,请点击 取消
                                                                                                                                                                               若您已经成功运行了本程序,可点击 确定 来隐藏该窗口
                                                                                                                                                                                                                                                     确定
                                                                                                                                                                                                                                                                                  取消
   →[2022-08-15 09:11:34,609] [INFO] | -----生成状态WARNING:0 E
```

Figure 6: 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.

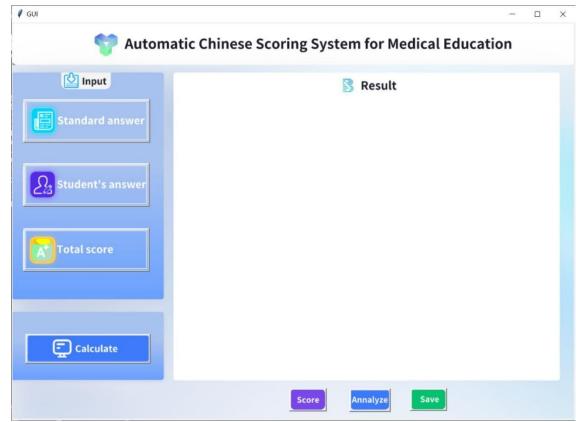


Figure 7: "GUI" graphical interface

Be careful not to close the GUI.exe window at this time.