timesheet calculator

Import os and sys modules

In order to avoid errors in reading the path of the xls file after the exe is generated, use the function" os.path.dirname(os.path.realpath(sys.executable)" to read the root directory where the py,exe file is located.

```
import xlrd
import xlwt
import tkinter as tk
import os
import sys

filepath = os.path.join(os.path.dirname(os.path.realpath(sys.executable)),'timesheet_input.xls')
```

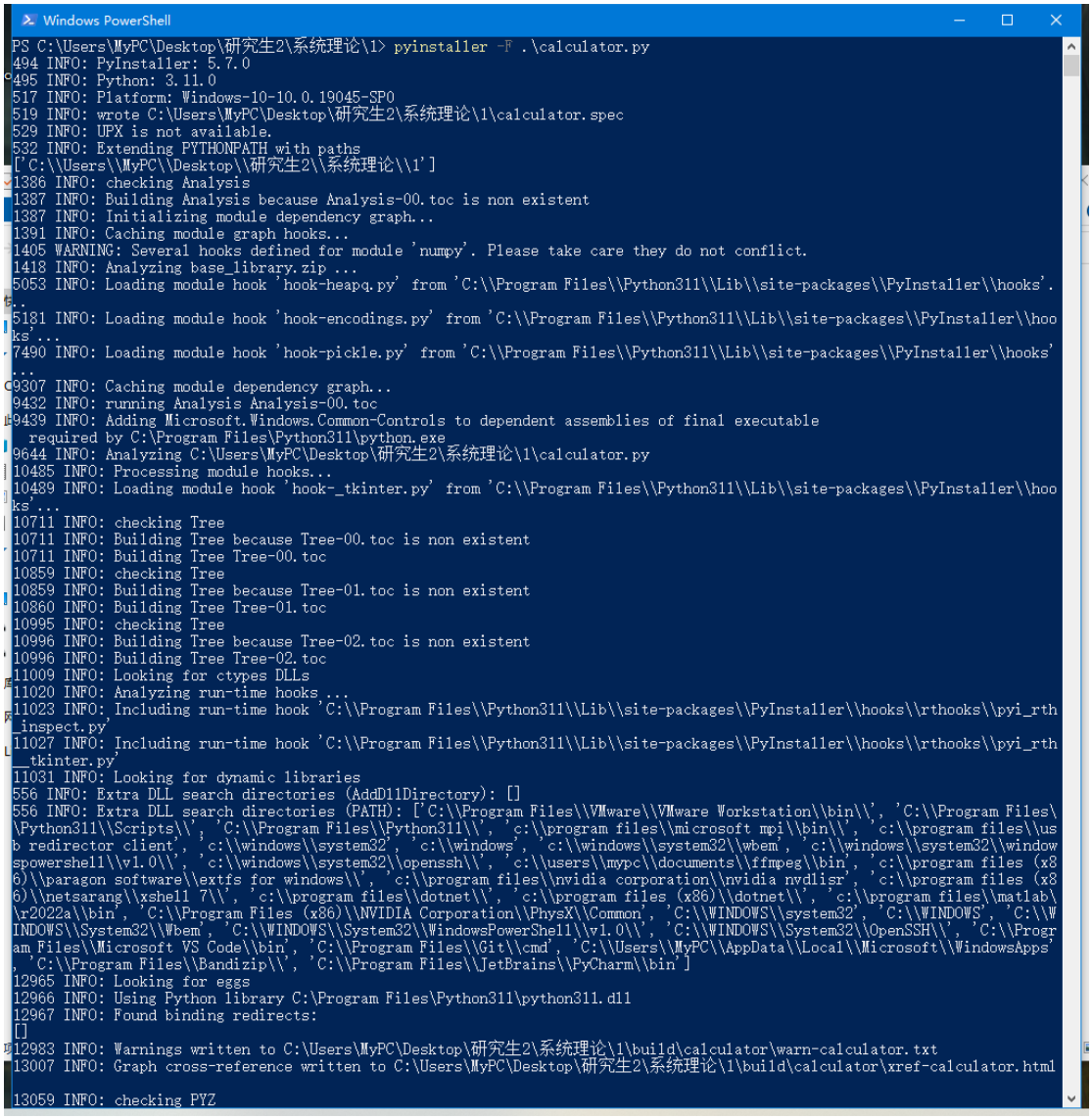
Define the main function

Use sys.argv[] Reads the incoming parameters at runtime:

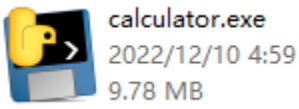
```
def main():
    window.mainloop()

if __name__ == '__main__':
    try:
        if sys.argv[1] == 'create':
            create_table()
        elif sys.argv[1] == 'calculate':
            main()
        else:
            print('The parameter is wrong, please enter \'create\'to create the timesheet')
    except:
        main()
```

Use the pyinstaller tool to generate an executable file exe,

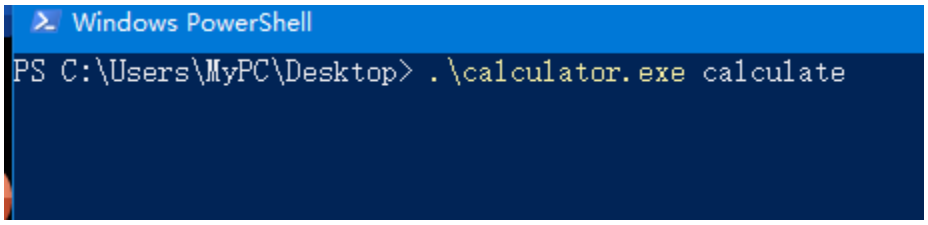
Enter the command in the shell: "pyinstaller -F .\calculator.py"

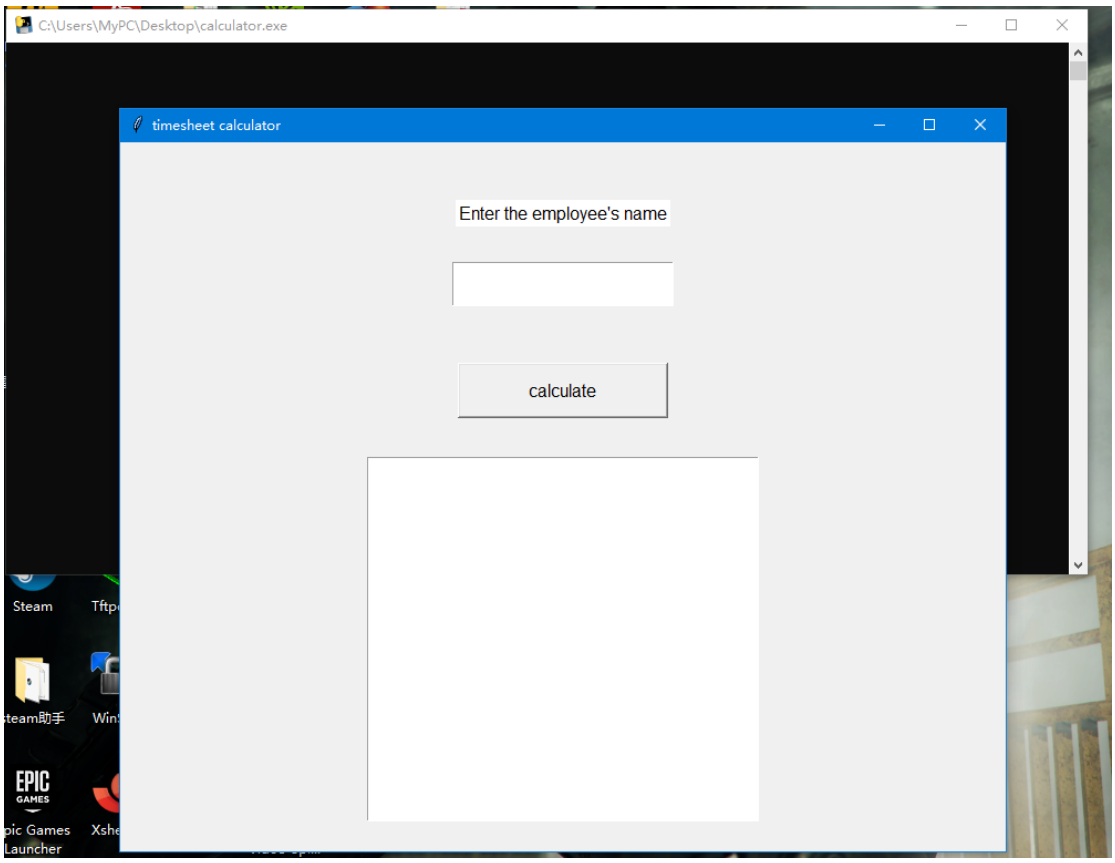


Result:

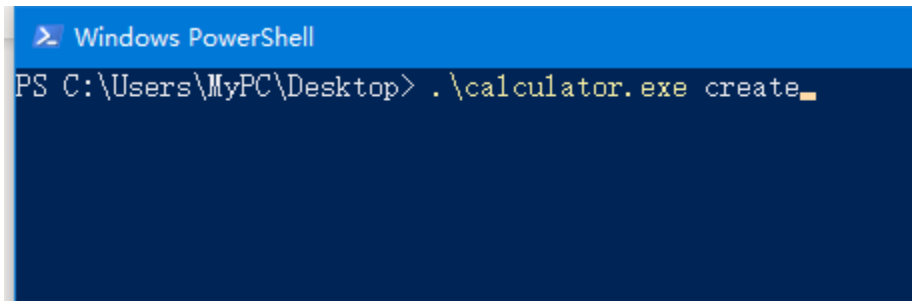


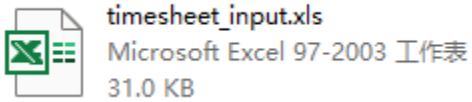
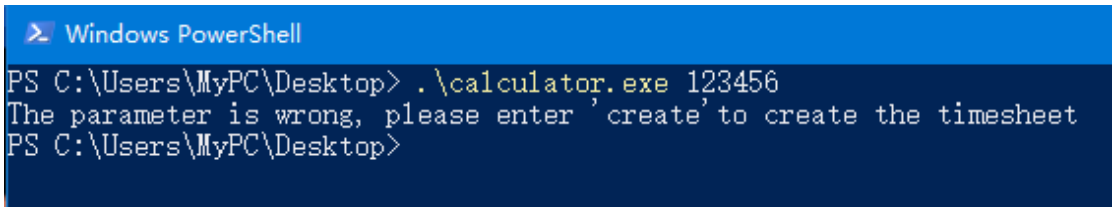
Substitute the parameter “calcuate” to run, The calculator GUI interface will be started directly, which is equivalent to double-clicking to run:





Substitute the parameter “create” to run, A blank timetable xls file will be created automatically:





If you enter the wrong parameters at runtime, there will be the following prompt: