National Cheng Kung University Department of Engineering Science

Instructor: Chi-Hua Yu

HW 8
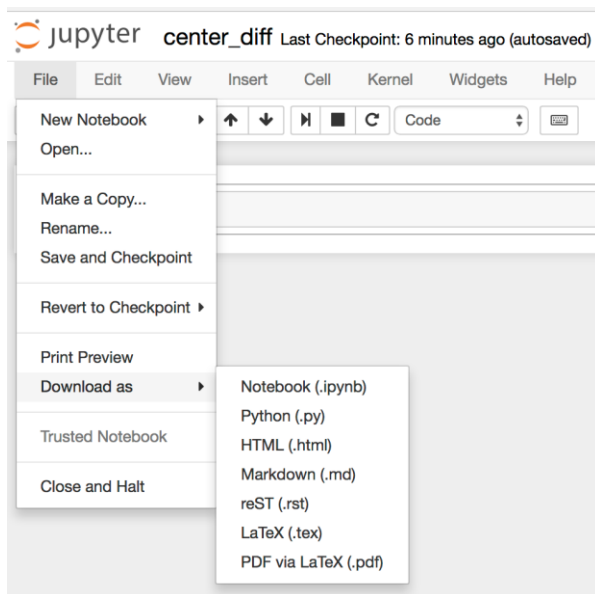
Programming, Due 09:00, Wednesday, May 25th , 2022

注意事項：

1. Homework 的時間為公布題目後至下次上課前結束(上課當天 09:00)。

2. 請在規定的時段內完成作業，並用你的學號與 HW number 做一個檔案夾 (e.g., N96091350_HW3), 將你的全部 ipynb 檔放入檔案夾，壓縮後上傳至課程網站 (e.g., N96091350_HW3.zip)，超過期限後不予補交。

Homework Submission Procedure (請仔細閱讀)

1. You should submit your Jupyter notebook and Python script (*.py, in Jupyter, click File, Download as, Python (*.py)).

2. Name a folder using your student id and lab number (e.g., n96081494_HW1), put all the pdf and all the Jupyter notebooks and python scripts into the folder and zip the folder (e.g., n96081494_HW1.zip).

3. Submit your lab directly through the course website.

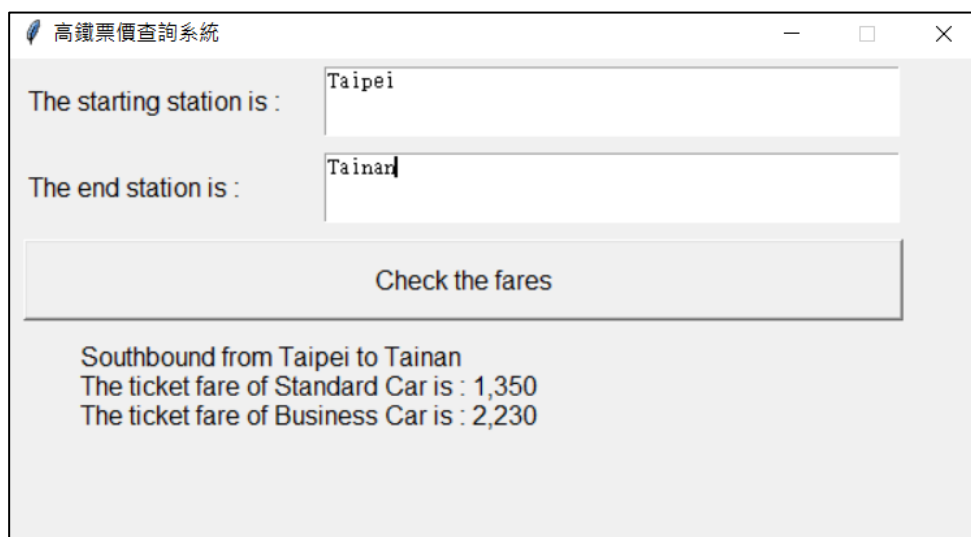1. **(100%)** Name your Jupyter notebook `THSR_fare_GUI.ipynb` and Python script `THSR_fare_GUI.py`. Please use tkinter to complete the GUI of the Taiwan High Speed Rail fare query system. The size of all widgets is not mandatory, but please be roughly the same as the example. Notice that your implementation should be smart enough to ignore all the whitespaces before or after the stations entered by the user. You can use the widgets like `Frame,Label,Text,Button` from `tkinter` to complete this homework.

Below is the running example:

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