**Python Final Project**

**Teammates:** 10544250 陳聖樺

10744249 康宸源

**Project inspired:**

For our final project of the python class, we chose a topic that is pretty similar to our final exam, it combines the questions 1, 3, and 4 of our final exam. We was also inspired from a website which is called “Finlab”. It’s a kind of website that teaches people how to type some easy codes of python and use those codes to do web crawler in some financial purposes.

**Project described:**

In this project, we used the techniques taught from the last few classes of this semester, such as pandas, plot method, GUI...etc. To use this program, users will be asked to input a stock id in Taiwan market in the GUI interface, and the csv file name that users want to save for their stock data which they just input. And also users can choose to search the data info of the stock in a specific time period. Users can input not only a specific date for their stock, but also a whole month if users want to. Then, after input all the data needed that mentioned above in the GUI, user will need to click on the button on the GUI. The program will then output the url of the website we set to find the stock info, which is from Yahoo!. And also other info that users input will show on the GUI. After that, program will draw(plot) the trend of that stock, and also print out the information of the stock on the python main interface, which only show the time period that users input.

**Team works:**

10544250:

At this time of final project, we came up with the topic and idea together. I did the most of the codes, but the other teammate did the research and the word description for our work. And I really appreciate to have this opportunity doing a final project for python course, because of this, I can learned more techniques and be more familiar with python, and I can also review what we’ve learned in this class this semester. It’s really a great chance to improve our skills.

10744249:

As my teammate said, he did lots of codes, and I did the research, including the answer of the questions in final test. I combined the three part of codes and did some modify. But at the end, I couldn’t really combine those codes, and my teammate helped a lot.

It’s such a nice chance to review python codes, and I hope I can get more information about it.