

Exercise #2

- You must understand how to find your ipynb file. If you upload a wrong file, you will receive a *grade of zero*. 務必自己練習 jupyter notebook 如何抓到你的 ipynb 檔案，考試上傳失敗就是 0 分
- You don't need to turn in your homework, but you should practice all problems because they may appear in the next exam. 作業自己練習就好，不用繳交，之後考試可能會出現類似題目

□ **Problem 1.** Given the variables `x`, `y`, and `z`, each associated with an int, write a fragment of code that assigns the smallest of these to `_min`, the largest to `_max`, and the average to `_avg`. Then, print `_min`, `_max`, and `_avg`.

□ **Problem 2. (*Palindrome Tester*)** A palindrome (回文數) is a number or a text phrase that reads the same backward as forward.

- For example, each of the following five-digit integers is a palindrome: 12321, 55555, 45554 and 11611.
- Write a program that reads in a five-digit integer and determines whether or not it's a palindrome.
- *Hint:* Use the division and remainder operators to separate the number into its individual digits.

□ **Problem 3.** Input `dayNumber` is from 0, 1, ..6, and output Sunday, Monday., Saturday, respectively.

□ **Problem 4.** Input a month number (1..12), and output the season name.

Winter	January
Winter	February
Spring	March
Spring	April
Spring	May
Summer	June
Summer	July
Summer	August
Autumn	September
Autumn	October
Autumn	November
Winter	December