## Course 4

#### Quick Review

- String / Number
  - Type conversion
    - to string, to integer
- If else, switch

### Read/Write Excel

- gem 'roo'
- How to install gem
- see the example
- Exercise
  - Get the average top 1/10 and bottom 1/5
  - Show the John's salary

#### Homework

- Study for
  - Array , Hash
- Write an homework dispatcher
- Excel
  - let use can input a name to search the person's salary
  - Get John's salary, Mary's salary

# Final Project

- gov.tw
- GDP
- Price of estate
- Rental