Expressing Data

XY Feng

Review

Today

Acquire

CSV

- Fields separated by comma

- Rows terminated by new lines

- Same number of fields, in same order

- Everything is string

- Limitation, data can not be nested

- https://en.wikipedia.org/wiki/Comma-separated_values

JSON

- Number, String, Boolean, Array & Object

- Array use square bracket

- Object use curly bracket

- Key / Value pair

- End with a comma, except the last one

- https://en.wikipedia.org/wiki/JSON

Tools

- Sublime / Atom

- https://www.transformy.io/

- http://codebeautify.org/

- http://app.raw.densitydesign.org/

Analyze

Analyze

- Using Objects

- Minimum / Maximum

- Total / Average

- Multiple Properties

- Sort

- How to reverse sort?

Filter

Filter

- Array / ArrayList

- Array Copy

Fun

Assignments