

1. Modules can provide a building block structure for bigger programs by separating code for different uses in different files. By systemizing these “building blocks” they can be reused and changed more easily.
2. There are multiple programming models, where the simplest one will wait with doing one task until it has finished the first. By doing this the program knows that each value used for task one can be used in task two. With asynchronous programming on the other hand, the tasks are interlaced with each other in a single thread of control.
<http://cs.brown.edu/courses/cs168/f12/handouts/async.pdf>
3. JSON is a derivative from the Javascript Object Literal Notation, it is plain text that is used to transfer data. Since it is a derivative, there are some differences between the two; there are differences in syntax where every key must be quoted in JSON. JSON also only accepts strings that are delimited in double quotes where Javascript would accept both double and single quotes.