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**Week: 7**

* **Code Topic:** JSON  
  **Description of Understanding:**.   
  JSON is used to be a cross platform data form to transmit and receive data. I didn’t get why this is needed until I started rereading the book and seeing the many different languages out there for every platform, having a simple way to use data across them all is very helpful.  
  Java has two basic types of streams that are used to move information, InputStreams and OutputStreams. InputStreams are used to pull data in to your application. You push data out using Output- Streams There are several classes that inherit from InputStream and Output- Stream. Two of these, used to read and write data to files, are FileInputStream and FileOutputStream. In the sandbox code , it is a simple passing of information about vehicles. We pass it with JSON.

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| FILE | GIT HUB LINK | What should I be looking for | CODE: sandbox or mine |
| JSON | https://github.com/traneb/cit360/blob/JSON/JSONSandbox.java | Happy paths and nasty paths | sandbox |
| vehicle | https://github.com/traneb/cit360/ blob/JSON/VehicleBean.java | Teaching points | sandbox |
| powerpoint | https://github.com/traneb/cit360/ blob/JSON/JSON and qcjson.pptx |  | mine |
|  |  |  | Mine |
|  |  |  | mine |

Teaching Video: https://youtu.be/rCOketDFz6E