# 03 Ponder : Weekly Reflection

1. Describe one challenge your team experienced working on the JSON parsing activity.

Some of us had an experience of Json Parsing from Web I. so we first tried that approach and didn’t work. We look to different example in internet and were able to solve it. The weather inside main was an array which was organized in List in our application. I has a diifulty in getting data from inside the List. It was pretty easy but took me a long time to figure out until I visited Bro. Macbeth.

2. For the Prove API assignment, what did you learn about how APIs work?

API gives you the data back in a JSON format. Most of the time those data are organized in some GUI interface but not always necessary.

3. Did you complete the Stretch Challenge for the Prove API Assignment? If so, briefly describe which method you used.

I did little bit of it. I only put them in a List but I didn’t sort them. I am planning to do that this weekend if I have time.

4. What did you learn from comparing your code to the teacher's solution?

I learned that parsing JSON is different in Java compared to Javascript.

How to put different function in different class and how is it connected to each other.

5. After completing the assignments this week, what questions do you still have?

I already asked teacher whatever question was popping. Some of those question were how to sort an item in array based on some member variable of that item.

6. Aside from the task you completed, what is another use you could see for the API we used?

Using API we can create a same environment in our application as it is in remote server or application.

7. A common Java interview question is "Describe what an API is and how it's used". (Sometimes people refer to these types of APIs as "REST APIs") How would you answer that question?

An API is application to application interface. It is used by an application to send information and request to some other application to confirm or read something. Basically in API we make a call using Query and read back data using HTTP protocol.

8. Of all of the resources in this week's reading, which was the \_most\_ helpful to you and why?

Reading from Json and Learning about API was most helpful.

9. Of all of the resources in this week's reading, which was the \_least\_ helpful to you and why?

Everything was equally important,

10. How many hours did you spend on this class this week?

01 Prepare – 1 hour

01 Teach – 3 hours

01 Prove 1st Attempt -

01 Prove 2nd Attempt -

01 Ponder -

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Total Hours – It took me very long time for this week. Can’t say exactly at this point.