Ryan and Jonathan
10/1/21
LM #3 Final Write Up

Topics Covered:
Ryan and Jonathan covered the basics of python in Learning Module #3. They used sololearn's curriculum to get an understanding of the fundamentals of python. They got about 60% through the subject matter, ranging from basic for-loops to classes. They learned the order of operations and operators.

What was Learned:
Ryan and Jonathan covered basic concepts such as Floats, Exponentiation, Quotients and Remainders, and more. They also learned about strings and variables and the functions that go with them. With this, they learned how to take inputs and call those inputs in code. Next, they learned about boolean expressions and if/else statements. Exceptions, using files, dictionaries, tuples, lambda expressions, classes, and inheritance were also covered by Ryan and Jonathan.

Problems Encountered:
It was difficult for Ryan and Jonathan to understand some of the concepts introduced in the lessons as running example code is a pro feature. This meant that the paragraph explanation of a topic was sometimes not sufficient and outside help was needed to fully understand.

Suggestions for Others:
Go into learning a new coding language with some prior research on syntax and other aspects that may catch you off guard when first learning. Also, if you are unsure about something, ask or research on the internet.

Summary:
Ryan and Jonathan really benefited from learning python. It was an enjoyable experience for the most part. Most of the knowledge from learning java carried over, and they learned something new as well. At the same time it showed the value of learning in a class, being able to ask questions and have more practice.

Resources:
Sololearn
StackOverflow

Ryan and Jonathan
Learning Module #2 - Python - Log

9/23/21 - 10:07-10:41
Ryan and Jonathan both started working on the beginning lessons of python on sololearn. Jonathan got to the Operator precedence lesson. Ryan got up to the boolean logic lesson.

9/24/21 - 10:07- 10:41
Ryan and Jonathan continued working on the lessons in sololearn. They both made great progress. Ryan got up to the lesson about the range method. Jonathan got to the exceptions lesson.

9/27/21 - 9:12 - 9:54
Ryan and Jonathan continued learning about python. Ryan got through the function lesson, and standard library. He then learned about exceptions Jonathan got to the reading files lesson and book titles.

9/28/21 - 9:12 - 9:54
Ryan and Jonathan both learned how to code a for loop traversing a book title text, with the help of the internet. They learned how to open text, read, and modify. They both left off on the DIctionary Functions lesson.

9/29/21 - 9:12-9:54
Ryan and Jonathan finished up the “more types” lesson, and learned more about String formatting and useful functions. They also did the code project and figured out how to print out the longest string in a text. They started the next lesson on Functional Programming.

9/30/21 - 9:12 - 9:54
Ryan and Jonathan worked on finishing functional programming. They finished and took the quiz at the end. They then started learning about classes, and that is where they left off.