

## Journal Entry 1.4

### Reflection Questions

1. Why is file storage important when you're using Python? What would happen if you didn't store local files?  
File storage is important when using Python because it allows you to preserve data even after the program or application is closed. If you did not store the files locally after the script stops running your data no longer exists.
2. In this Exercise you learned about the pickling process with the **pickle.dump()** method. What are pickles? In which situations would you choose to use pickles and why?  
Pickles are complex data converted into a packaged stream of bytes that are written into a binary file. You would use pickles when you are storing complex data, such as dictionaries.
3. In Python, what function do you use to find out which directory you're currently in? What if you wanted to change your current working directory?  
You would use the `os.getcwd()` command to find out which directory you are currently in. You would use the `os.chdir()` command to change your current working directory.
4. Imagine you're working on a Python script and are worried there may be an error in a block of code. How would you approach the situation to prevent the entire script from terminating due to an error?  
I would use the try-except block. I would try a block of code where I think the error might be and if there is an error an except block will appear to notify me of the error so I can fix it without terminating the entire program. If there is no error the rest of the code will be executed as normal.
5. You're now more than halfway through Achievement 1! Take a moment to reflect on your learning in the course so far. How is it going? What's something you're proud of so far? Is there something you're struggling with? What do you need more practice with? Feel free to use these notes to guide your next mentor call.  
So far this area of the course is not as intense, and I feel like Python is easier and more fun to learn than I thought. I want to make sure I am understanding all the differences in writing functions for JS and writing them for Python.