

1.4 Learning Journal- 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 working with Python because it allows you to store and retrieve data from local or remote files. Without file storage, any data or changes made during execution would be lost as soon as the program terminates. If you did not store local files, you wouldn't be able to save any data or files for later use and would have to reenter the data every time you run a program.

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 a module in Python that convert complex data into a packaged stream of bytes and write them in a binary file. I would choose to use pickles when storing complex data structures such as dictionaries, lists, and classes, as they allow for easy storage and retrieval of these structures.

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 can use the `os` module, The '`os.getcwd()`' function will return the current working directory. To change the current working directory, you would use the '`os.chdir()`' function.

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?

To prevent the entire script from terminating I would use try-except blocks to handle exceptions. I would place the code that I suspect might cause an error within the try block so if an exception occurs in the block it will be caught by the except block and allow me to handle the error in a more controlled way.

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 course has been going great. I do think I need to work on carving out more time for the course work while also balancing job hunting and interviews along with life and family obligations.

