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SWDV 630 2W 20/SU2 - Week 1 - In your Interface

Date 07/05/20

***Questions four and five of week one’s assignment (In your Interface)***

**4.** **Explain the difference between interfaces and implementation.**

I would describe an interface as a set of ways (methods, properties) to interact with an object. The implementation is the actual details behind the idea, this to me is the actual way the interface will do what we suppose it to.

**5.** **Using both visual and written descriptions, think through the interface-implementation of a large scale storage system.   In many systems today, we have the ability to store information from a single application to a variety of storage devices - local storage (hard drive, usb), the cloud and/or some new medium in the future.   How would you design an interface structure such that all of the possible implementations could store data effectively?**

I think I would try and use the type same methods for all the different storage devices available. Starting with one method (the Cloud) and run some trials. If it proved successful, then continue to try it on the other storage devices (hard drive, USB, …etc).

Here’s a simple example for using the cloud.

class Cloud(StorageDevice):

def store(self, path, data):

self.path = path

self.data = data