Unit 7 Critical Thinking Questions

1. **Describe the file formats that you would use to include a table of data, a word processing document, or a presentation on a website. Then describe an instance where you have seen each one of these file formats in use on a website that you have visited.**

A table of data – .csv. This kind of file is used for storing tabular data. Tabular data is data put into rows, that each contain information about something. Each row has the same number of cells, which show the values of what the row is describing.

Word document – .docx, .doc, or .rtf. I usually see this kind of file on the internet for school purposes. When I am doing assignment for school online and I have to fill out a document, this is the kind of file that I will encounter. To be able to use these types of files, I have to download them and use a Word Processing Program, such as Microsoft Word or WordPad, to be able to open them and edit them.

Presentation - .pptx, .ppt, .pptm, or .pdf. These files can be embedded in a webpage, <embed>…</embed> or <iframe>…</iframe>. This is how I have seen these files be used on webpages. I also see these files a lot when I am viewing a lesson that is a bit lengthy. Presentation files are good for displaying a lot of information in a non-aggressive way.

2. **Describe which protocol you would be most likely to use for transferring files. While you do not have to describe every detail of the process, provide an overview for how you could use the command line to transfer files.**
I would use either FTP of SFTP. To use one of these methods in command line, you first need to connect to your FTP server (where your files are being stored). Once you do that, you can start messing around with the files. You can use the *put* command to move a file, and *mput* if you want to move more than one, m as in multiple. An example line of code for this would be *put index.html*.

3. **Imagine that you get a new laptop as you head off to college. Describe how you might structure your folders and subfolders on this laptop so that all of the files that you use while in college would be well organized.**
I would structure the root folders by classes. Then the subfolders inside the class folders would be either for each part or unit of that class. The folders inside there would be for each lesson, with the files for that lesson inside those folders. Structuring it this way would make it easy to find what I need when I need it very quickly.

4. **Describe three ways that git could help you if you were designing a web site.**
   1. You can track all changes made to the website files
   2. Coordinate with other developers and designers
   3. Push all your changes to a code repository that can be pulled from automatically by a production server.

5. **Here is a teacher's list of quiz files for a class. Rename the ones whose names violate best practices for naming. Then create an organized structure to store them. You can use an outline format or indentation to indicate the organization.**
   a. Jones_John_Quiz1 ✔
   b. Jones_John_Quiz2 ✔
   c. Rubio, Hector Quiz 1 → Rubio_Hector_Quiz1
   d. Rubio, Hector Quiz 2 → Rubio_Hector_Quiz2
   e. Maria Garza's Quiz #1 → Maria_Garza_Quiz1
   f. Maria Garza's Quiz #2 → Maria_Garza_Quiz2