1-2: Download Git Client & Create a Repository account

Local Locations: C:\xampp\htdocs\WDV341

Git Version:



Github URL: <https://github.com/tdr453/WDV341.git>

Git Terminology:

* Version control software: Version control software is a tool that tracks changes to files over time, allowing multiple people to work on the same project without overwriting each other’s work. It keeps a history of every change so you can review, revert, or compare versions.
* Add: In Git, “add” iso the command that stages changes you’ve made to files so they are ready to be committed.
  + **Command: git add `enter file name here` (example: index.php)**
* Commit: A commit is a saved snapshot of our project at a specific point in time. It includes all staged changes and a message describing what was changed, it can also be revisited in the history. This is essentially the “save” button.
  + **Command: git commit -m “add message here” (example: “added home page”)**
* Push: This sends your local commits to your remote repository in GitHub.
  + **Command: git push origin main**
* Pull: This updates your local repository with the latest changes from your remote repository.
  + **Command: git pull origin main**
* Clone: This creates a local copy of a remote repository on your computer. This is the copy button.
  + **Command: git clone “enter URL here” (example:** [**https://github.com/tdr453/WDV341.git**](https://github.com/tdr453/WDV341.git)**)**
* Sore the document in your WDV341 folder: If your folder is linked to your remote repository, you can save it and push it to your remote location.
  + **Command: git add “filename” (example: index.php)**
  + **Command: git commit -m “add message here” (example: “added home page”)**
  + **Git push**

**Sample Git Commands**

**1. Check your Git version**

git --version

**2. Clone the repository to your computer**

git clone https://github.com/tdr453/WDV341.git

**3. Navigate into the repository folder**

cd WDV341

**4. Stage (add) the file for commit**

git add index.php

**5. Commit the staged changes with a message**

git commit -m "Add or update index.php"

**6. Push your commits to GitHub**

git push origin main

**7. Pull the latest changes from GitHub**

git pull origin main

**8. Check the status of your repository**

git status

**9. View the commit history**

git log

**Setting up VSC Terminal to Xampp WDV341 folder**

Open terminal (Ctrl + `)

cd C:\xampp\htdocs\WDV341



Commands to add, commit, and push this document to the Github repository:

