1. Download Git Bash version control software

* <https://git-scm.com/downloads/win>
* Windows 64 Standalone Installer

1. Create Git Hub account at <https://github.com/>

* Open Git bash Type git --help

1. Create SSH Key

* In gitbash, type ssh-keygen
* Go to the folder indicated
* And type cat [ssh filename].pub
* Copy the key and go to your github account

1. In your github account
   * Go to settings -> SSH and GPG keys -> new SSH key
   * Paste the key and give a name to identify the authentication key then click add SSH key
2. To test access to github
   * In gitbash type ssh –T [git@github.com](mailto:git@github.com)
   * Set username and email
     + type git config --global user.name “Your name”
     + type git config --global user.email “Your email”
3. Create the windows folder for your project
4. In gitbash go to that folder then type git init
5. Then type git remote add origin git@github.com: yraze15/git-training.git
6. Type git branch –M main then type git branch
7. To open VS Code type code . in git bash
8. Create a new file in VS code and name it index.html
9. To insert basic html structure press shift+! And create your page and save
10. In git bash, type git status, you will see a new file untrack index.html
11. To add the file to the repository
    * Type git add [file]
    * Type git commit –m ‘new index file created’
    * Type git push –u origin main
12. You can also modify the file in the github repository and commit
13. From gitbash, type get fetch and git pull to update your local file

Summary

1. Install Git
2. Create SSH Key
3. Cfreate Project Folder
4. Initialize as repo
5. Connect to remote
6. Manage the repo

Pwd – present working directory

Ls –al -> list all files with attributes

Git remote -v

Creating branches

Git branch v2 - create a new branch

Git checkout v2 - shift to another branch

1. Install XAMPP
2. Install Composer (choose the XAMPP path in the installation)
3. Intall Dbeaver – DB GUI

Laravel Framework

1. Model –responsible for db connection
2. View – user interface
3. Controller – logic

Web hosting

1. Render.com
2. Freehosting.com

Create a project using composer in gitbash

* composer create-project laravel/laravel eShop --prefer-dist

create repo in github

* git init
* git remote add origin git@github.com:yraze15/eShop.git
* git branch -M main
* git add .
* git status
* git commit –m ‘Project Init’
* git push -u origin main

Create Controller in git bash

* php artisan make:controller HelloController

Create Db

* php artisan migrate

after updating the schema (fields) in database/migration (create\_users)

* php artisan migrate:fresh