Git

Distributed Version Control System (DVCS)

What DVCS?

Git is an example of DVCS, commonly used for open source and commercial software development that:

- Allow full access to every file, branch, and iteration of a project .
- Allows every user access to a full and self-contained history of all changes.

Why Git?

-Git lets developers see the entire timeline of their changes.

-Collaboration can happen any time while maintaining source code integrity.

-Businesses using Git can break down communication barriers between teams.

Basic Git Commends

git init

git clone

git add

git commit

git status

git branch

git pull

git push

Example

```
# download a repository on GitHub.com to our machine
git clone https://github.com/*************.git

# create a new branch to store any new changes
git branch my-branch

# switch to that branch
git checkout my-branch

# make changes, for example, edit `file1.html` and `file2.html` using the your editor

# stage the changed files
git add file1.html file2.html

# take a snapshot of the staging area (anything that's been added)
git commit -m "updating the user address "

# push changes to github
git push origin my-branch
```

Your Questions...