Lab#1 GIT

Basics:

What is version control? Why is it important?

What's the difference between Git and GitHub?

Describe the Git workflow (add, commit, push, pull).

What is a repository in the context of Git?

Commits:

What is a commit in Git?

How is each commit uniquely identified?

Remote Repositories:

What is a remote repository in the context of Git?

What are the default names that Git uses for the repository you cloned from and your local repository?

How do you synchronize changes from a remote repository to your local one, and vice versa?

GitHub Specifics:

What is a pull request?

How do you 'fork' a repository on GitHub, and why might you want to?  
How can you use GitHub to collaborate on open-source projects?

Collaboration and Best Practices:

Why is it important to write clear commit messages?

When collaborating with others, why might it be important to frequently pull the latest changes?