Version Control Systems

1. Understanding Version Control Systems (VCS)

● What is Version Control?

● Git vs Other VCS (e.g., SVN, Mercurial)

2. Setting Up Git

● Install Git:(windows, Linux, mac)

● Configure Git:

3. Basic Git Commands

      (init, add, commit, puh, pull, clone, merge, checkout, branch ,remote, rebase, reset,fetch)

4. Branching and Merging

● Understanding Branches:

● Merging Branches:

● Branch Management:

5. Working with Remote Repositories

● Add a Remote Repository:

● Push Changes:

● Pull Changes:

● Fetching Changes:

6.describe about project floder,local repository,remote repository,origin,remote

7. Git Workflow

8. Collaboration and Best Practices

● Handling Merge Conflicts:

● Branch Naming Conventions:

● Commit Message Guidelines:

● Collaborative Workflow: