Git Commands

Here are some important Git commands that are essential for managing version control:

1. **Clone a repository**:

   Clones a repository into a new directory.

2. **Check the status**:
   - Shows the working tree status, including changes to be committed, untracked files, and changes not staged for commit.

3. **Add files to staging**:
   - Adds changes in the working directory to the staging area. Use `.` to add all changes.

4. **Commit changes**:
   - Records changes to the repository with a descriptive message.

5. **Push changes to a remote repository**:
   - Uploads local repository content to a remote repository.

6. **Pull changes from a remote repository**:
   - Fetches and integrates changes from a remote repository to your local branch.

7. **Check the commit history**:
   - Shows the commit history for the repository.

8. **Create a new branch**:
   - Creates a new branch but does not switch to it.

9. **Switch branches**:
   - Switches to the specified branch.

10. **Create and switch to a new branch**:
    - Creates a new branch and switches to it immediately.

11. **Merge branches**:
    - Merges the specified branch into the current branch.