

Software Tools and Technologies Lab II Assignment 1

3. 'Git ignore' allows you to skip certain files or file-types while adding files using git add. Find out how to use the git ignore feature. Now show how you can avoid accidentally adding *.log files and the files in .gitGraph/ directory that is created when you use the git graph command.

Ans:

Git Ignore feature is used to specify files that should be ignored by Git. Git Ignore file can be used to exclude certain files or folders that do not need to be tracked by Git.

To use Git Ignore feature, follow these steps:

- Create a .gitignore file in the root directory of your Git repository.
- Edit the .gitignore file and add files, folders or file patterns that should be ignored by Git. Each file or folder should be on a new line.
- Save the .gitignore file.
- Add the .gitignore file to your Git repository and commit it.

Once you have created and committed the .gitignore file, Git will automatically ignore the files and folders specified in the file. This can be helpful in excluding files such as log files, cache files, build artifacts, and temporary files from being tracked by Git.

For example, to ignore all log files in your project, you can add the following line to your .gitignore file: *.log

This will ignore all files with the .log extension in your project.

To ignore entire directories, we add the directory name to the .gitignore file:
mylogs/

This will ignore the entire mylogs directory and its contents.

Note that Git Ignore only works for untracked files. If a file is already being tracked by Git, you will need to remove it from Git using `git rm --cached file` before it will be ignored