

2. GitLab-HOL

Objectives

- Explain git ignore
- Explain how to ignore unwanted files using git ignore

In this hands-on lab, you will learn how to:

- Implement git ignore command to ignore unwanted files and folders

Prerequisites

The following are the pre-requisites to complete this hands-on lab:

- Setting up Git environment
- Integrate notepad++ as a default editor
- A Git repository in the local system and a remote repository in GitLab

Notes*:

Please follow the below steps for creating a free account in GitHub.
Do not use cognizant credentials to login to GitHub.

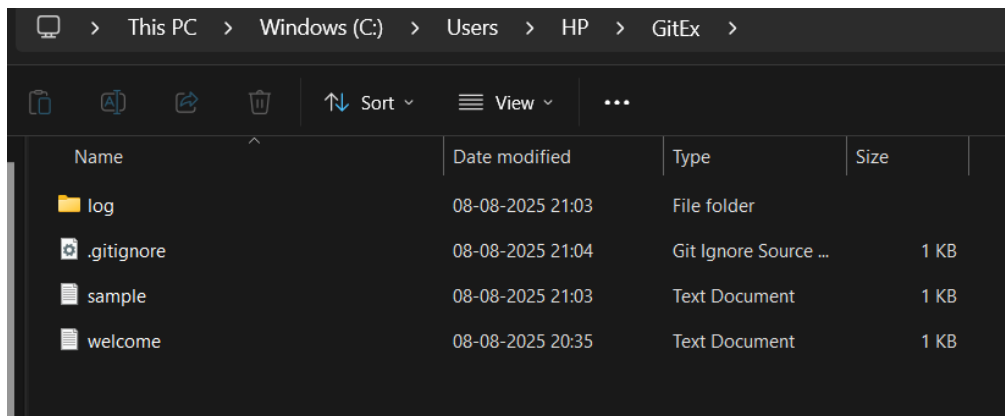
Estimated time to complete this lab: **20 minutes**.

Create a **“.log”** file and a **log folder** in the working directory of Git. Update the **.gitignore** file in such a way that on committing, these files (.log extensions and log folders) are ignored.

Verify if the git status reflects the same about working directory, local repository and git repository.

OUTPUT:

Working Directory:



Name	Date modified	Type	Size
log	08-08-2025 21:03	File folder	
.gitignore	08-08-2025 21:04	Git Ignore Source ...	1 KB
sample	08-08-2025 21:03	Text Document	1 KB
welcome	08-08-2025 20:35	Text Document	1 KB

Local repository:

```
HP@VASUPPRADHA MINGW64 ~/GitEx (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

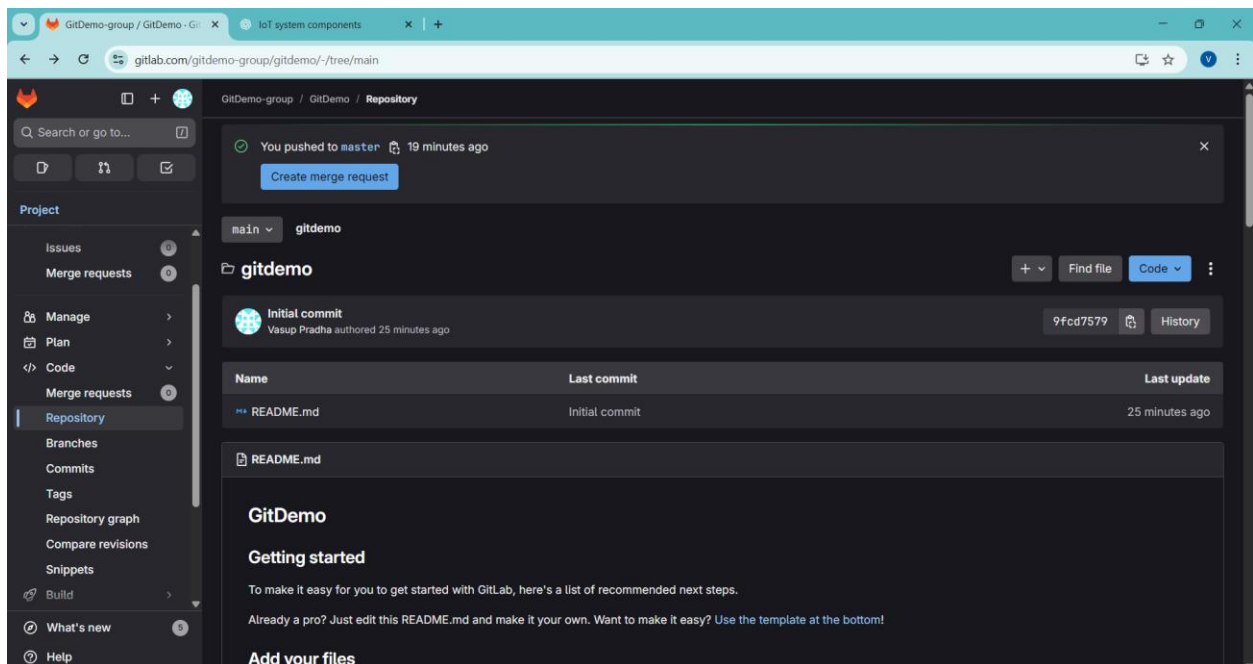
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        sample.log

nothing added to commit but untracked files present (use "git add" to track)

HP@VASUPPRADHA MINGW64 ~/GitEx (master)
$ git add .gitignore

HP@VASUPPRADHA MINGW64 ~/GitEx (master)
$ git commit -m "Update .gitignore to ignore log files and log folder"
[master 9633270] Update .gitignore to ignore log files and log folder
1 file changed, 2 insertions(+)
create mode 100644 .gitignore
```

Git repository:



The screenshot displays the GitLab web interface for a repository named 'gitdemo'. The top navigation bar shows the repository path 'GitDemo-group / GitDemo - Repository'. A notification banner at the top indicates 'You pushed to master' 19 minutes ago, with a 'Create merge request' button. The left sidebar contains a search bar and a list of navigation items: Project, Issues, Merge requests, Manage, Plan, Code, Merge requests, Repository (selected), Branches, Commits, Tags, Repository graph, Compare revisions, Snippets, Build, What's new, and Help. The main content area shows the 'main' branch selected. Below the branch name, there is a section for the 'Initial commit' by 'Vasup Pradha' 25 minutes ago, with a commit hash '9fed7579' and a 'History' button. A table lists the files in the repository:

Name	Last commit	Last update
README.md	Initial commit	25 minutes ago

Below the table, the content of the 'README.md' file is displayed. It includes a 'GitDemo' section, a 'Getting started' section with instructions on how to get started with GitLab, and an 'Add your files' section.

Ensures that no .log or log folder is being added to the git repository.