

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.

```
nkann03kannan@MINGW64 ~/GitDemo (master)
$ cd ~/GitDemo

nkann03kannan@MINGW64 ~/GitDemo (master)
$ echo "this is a log file" > debug.log
mkdir logs
echo "Log data" > logs/error.log

nkann03kannan@MINGW64 ~/GitDemo (master)
$ notepad++ .gitignore

nkann03kannan@MINGW64 ~/GitDemo (master)
$ git add .gitignore
git commit -m "Added .gitignore to ignore log files and logs folder"
[master 88c907a] Added .gitignore to ignore log files and logs folder
1 file changed, 5 insertions(+)
 create mode 100644 .gitignore

nkann03kannan@MINGW64 ~/GitDemo (master)
$ git push origin master
info: please complete authentication in your browser...
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 397 bytes | 298.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for master, visit:
remote: https://gitlab.com/kannanice2022/GitDemo/-/merge_requests/new?merge_requests%5Bsource_branch%5D=master
remote:
To https://gitlab.com/kannanice2022/GitDemo.git
 * (new branch) master -> master

nkann03kannan@MINGW64 ~/GitDemo (master)
$ git push origin master
Everything up-to-date
```



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