WEEK:8

**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\*:

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| 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:

C:\Users\harsh>mkdir git-ignore-lab

C:\Users\harsh>cd git-ignore-lab

C:\Users\harsh\git-ignore-lab>git init

Initialized empty Git repository in C:/Users/harsh/git-ignore-lab/.git/

C:\Users\harsh\git-ignore-lab>echo "This is a log file" > sample.log

C:\Users\harsh\git-ignore-lab>mkdir log

C:\Users\harsh\git-ignore-lab>echo "Inside log folder" > log/app.log

C:\Users\harsh\git-ignore-lab>notepad++ .gitignore

'notepad++' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\harsh\git-ignore-lab>notepad .gitignore

C:\Users\harsh\git-ignore-lab>git status

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore

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

C:\Users\harsh\git-ignore-lab>echo "This is a tracked file" > readme.md

C:\Users\harsh\git-ignore-lab>git add readme.md

C:\Users\harsh\git-ignore-lab>git commit -m "Initial commit with tracked file"

[master (root-commit) 147a9b2] Initial commit with tracked file

1 file changed, 1 insertion(+)

create mode 100644 readme.md

C:\Users\harsh\git-ignore-lab>git status

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore

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