

2. Git-HOL

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.

```
MINGW64:/e/Coding/Week 8/GitDemo

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ echo "This is a log file" > debug.log

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ mkdir log

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ echo "Error: something went wrong" > log/error.txt

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ echo "*.log" >> .gitignore

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ echo "log/" >> .gitignore

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ git add .gitignore
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ git commit -m "Add .gitignore to exclude .log files and log folder"
[main 4f7334f] Add .gitignore to exclude .log files and log folder
1 file changed, 2 insertions(+)
create mode 100644 .gitignore

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 20 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 352 bytes | 352.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/thirumanirathish-group/gitdemo.git
 b15a39b..4f7334f  main -> main
branch 'main' set up to track 'origin/main'.

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ |
```

