

2. Git - HOL

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1) Exercise 2: log folder

Solution:

```
MINGW64:/c/Users/mohan/GitDemo
mohan@mohanapriya MINGW64 ~ (master)
$ cd ~/GitDemo

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ pwd
/c/Users/mohan/GitDemo

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ ls -a
./ ../ .git/ .gitignore README.md error.log log/ welcome.txt

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ echo "this is a test log" >debug.log

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ mkdir -p log

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ echo "log entry" >log/entry.txt

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ cat >> .gitignore <<'EOF'
> *.log
> log/
> EOF

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git add .gitignore
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git commit -m "Add .gitignore to ignore *.log and log/ folder" || true
[main 13e6739] Add .gitignore to ignore *.log and log/ folder
1 file changed, 3 insertions(+)
create mode 100644 .gitignore
```

```
MINGW64:/c/Users/mohan/GitDemo
mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git rm --cached --ignore-unmatch*.log
error: unknown option 'ignore-unmatch*.log'
usage: git rm [-f | --force] [-n] [-r] [--cached] [--ignore-unmatch]
              [--quiet] [--pathspec-from-file=<file> [--pathspec-file-nul]]
              [--] [<pathspec>...]

    -n, --[no-]dry-run      dry run
    -q, --[no-]quiet        do not list removed files
    --[no-]cached           only remove from the index
    -f, --[no-]force        override the up-to-date check
    -r                      allow recursive removal
    --[no-]ignore-unmatch   exit with a zero status even if nothing matched
    --[no-]sparse           allow updating entries outside of the sparse-checkout
cone
    --[no-]pathspec-from-file <file>
                           read pathspec from file
    --[no-]pathspec-file-nul
                           with --pathspec-from-file, pathspec elements are separated with NUL character

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git rm -r --cached --ignore-unmatch log

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git add -A

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git commit -m "Stop tracking log files and log folder" || true
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

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git status --ignored
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

Ignored files:
(use "git add -f <file>..." to include in what will be committed)
    debug.log
    error.log
    log/

nothing to commit, working tree clean

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git ls-files --others --ignored --exclude-standard
debug.log
error.log
log/entry.txt
log/test.txt

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git check-ignore -v debug.log
.gitignore:1:*.log      debug.log

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git check-ignore -v log/entry.txt
.gitignore:3:log/      log/entry.txt

mohan@mohanapriya MINGW64 ~/GitDemo (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 346 bytes | 346.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/mohana5056/GitDemo.git
  57a9496..13e6739  main -> main
```

OUTPUT:

This screenshot shows the GitHub repository page for 'mohana5056/GitDemo'. The repository is public and has 0 stars, 0 forks, and 0 watchers. The main branch is 'main', and there are 2 branches and 0 tags. The repository contains a README file, a .gitignore file, and a welcome.txt file. The commit history shows three commits: 'Update .gitignore' (7 minutes ago), 'Initial commit' (1 hour ago), and 'Initial commit: added welcome.txt' (44 minutes ago). The README file is displayed with the title 'GitDemo'.

master had recent pushes 39 minutes ago [Compare & pull request](#)

main 2 Branches 0 Tags [Add file](#) [Code](#)

mohana5056 Update .gitignore 813ec77 · 7 minutes ago 3 Commits

File	Commit	Time
.gitignore	Update .gitignore	7 minutes ago
README.md	Initial commit	1 hour ago
welcome.txt	Initial commit: added welcome.txt	44 minutes ago

README

GitDemo

About

No description, website, or topics provided.

Releases

No releases published [Create a new release](#)

Packages

No packages published [Publish your first package](#)

This screenshot shows the GitHub repository page for 'mohana5056/GitDemo', specifically the .gitignore file. The file is located at 'GitDemo/.gitignore' and was updated by 'mohana5056' 813ec77 · 8 minutes ago. The file contains two lines: '*.log' and 'log/'.

GitDemo/.gitignore

mohana5056 Update .gitignore 813ec77 · 8 minutes ago [History](#)

Code **Blame** 2 lines (2 loc) · 11 Bytes

```
1 *.log
2 log/
```