**2. Git-HOL**

C:\Users\Aswin S>git config --global user.name "Aswin S"

C:\Users\Aswin S>git config --global user.email "aswinsaraj@gmail.com"

C:\Users\Aswin S>git config --global core.editor "'C:/Program Files/Notepad++/notepad++.exe' -multiInst -nosession"

C:\Users\Aswin S>mkdir GitLabLogLab

C:\Users\Aswin S>cd GitLabLogLab

C:\Users\Aswin S\GitLabLogLab>git init

Initialized empty Git repository in C:/Users/Aswin S/GitLabLogLab/.git/

C:\Users\Aswin S\GitLabLogLab>git branch -M main

C:\Users\Aswin S\GitLabLogLab>git clone https://github.com/Aswincse/GitDemo

Cloning into 'GitDemo'...

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)

Receiving objects: 100% (3/3), done.

C:\Users\Aswin S\GitLabLogLab>cd GitDemo

C:\Users\Aswin S\GitLabLogLab\GitDemo>echo "This is a debug log" > debug.log

C:\Users\Aswin S\GitLabLogLab\GitDemo>mkdir log

C:\Users\Aswin S\GitLabLogLab\GitDemo>echo "Sample log data" > log/info.txt

C:\Users\Aswin S\GitLabLogLab\GitDemo>git status

On branch main

Your branch is up to date with 'origin/main'.

Untracked files:

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

debug.log

log/

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

C:\Users\Aswin S\GitLabLogLab\GitDemo>echo "\*.log" > .gitignore

C:\Users\Aswin S\GitLabLogLab\GitDemo>echo "log/" >> .gitignore

C:\Users\Aswin S\GitLabLogLab\GitDemo>git add .gitignore

C:\Users\Aswin S\GitLabLogLab\GitDemo>git commit -m "Add .gitignore to ignore .log files and log folder"

[main 60e0087] Add .gitignore to ignore .log files and log folder

1 file changed, 1 insertion(+)

create mode 100644 .gitignore

C:\Users\Aswin S\GitLabLogLab\GitDemo>git check-ignore -v debug.log

.gitignore:1:\*.log debug.log

C:\Users\Aswin S\GitLabLogLab\GitDemo>git check-ignore -v log/info.txt

.gitignore:2:log/ log/info.txt

C:\Users\Aswin S\GitLabLogLab\GitDemo>git status --ignored

On branch main

Your branch is up to date with 'origin/main'.

Ignored files:

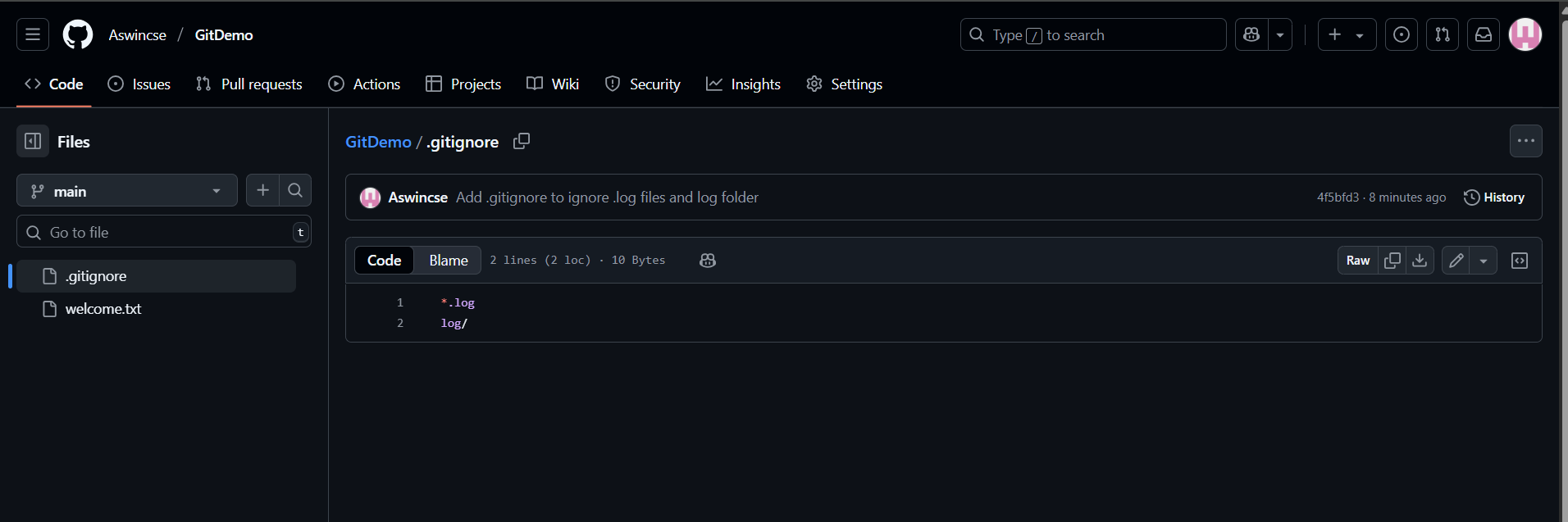
(use "git add -f <file>..." to include in what will be committed)

debug.log

log/

nothing to commit, working tree clean

**OUTPUT:**

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