* Explain git ignore
* Explain how to ignore unwanted files using git ignore

.gitignore is a plain text file where you list file patterns for Git to **ignore** in your repository.

Examples:

.log → Ignores all .log files

log/ → Ignores the entire log folder

.tmp → Ignores all .tmp files

Git will ignore **new** files matching these patterns, **not** files already being tracked.

KIIT@BT-22052722 MINGW64 ~/GitDemo (main)

$ echo "This is a test log" > error.log

mkdir log

echo "Log entry" > log/logfile.log

KIIT@BT-22052722 MINGW64 ~/GitDemo (main)

$ notepad++ .gitignore

bash: notepad++: command not found

KIIT@BT-22052722 MINGW64 ~/GitDemo (main)

$ notepad .gitignore

KIIT@BT-22052722 MINGW64 ~/GitDemo (main)

$ git status

On branch main

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)

KIIT@BT-22052722 MINGW64 ~/GitDemo (main)

$ git add .gitignore

git commit -m "Add .gitignore to exclude log files and folders"

[main 64a0f21] Add .gitignore to exclude log files and folders

1 file changed, 2 insertions(+)

create mode 100644 .gitignore

KIIT@BT-22052722 MINGW64 ~/GitDemo (main)

$ git status

On branch main

nothing to commit, working tree clean

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$