• Explain git ignore

.gitignore is a special file in a Git repository that **tells Git which files and folders it should ignore** (not track).

This is useful for:

* Temporary files (e.g., .log files, .tmp files)
* Build output folders (/dist, /bin, /target)
* OS-specific files (e.g., .DS\_Store on Mac, Thumbs.db on Windows)
* Backup files created by editors (e.g., \*.bak)

• Explain how to ignore unwanted files using git ignore

* When Git sees a file pattern in .gitignore, it:
  + **Does not show it in git status**.
  + **Does not add it to commits** (unless you explicitly force add).
* The .gitignore file **only affects untracked files**.  
  If a file is already tracked by Git, adding it to .gitignore won’t stop Git from tracking changes to it — you must first remove it from tracking.

1. Create a file named .gitignore in your repository root.
2. Add rules (patterns) for files/folders to ignore.
   * Example:

pgsql

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\*.log # Ignore all .log files

logs/ # Ignore logs folder

temp\*.txt # Ignore any file starting with 'temp' and ending with .txt

1. Save .gitignore.
2. Stage and commit the .gitignore file so it is part of the repository.





