**2. Ignoring .log Files and log Folder in Git**

**Objective**

The objective of this task is to configure Git to ignore specific files and folders (all .log files and the log folder) so that they are not tracked or committed to the repository. This helps keep the repository clean by excluding temporary or unnecessary files.

Steps to Perform:

**1. Create a .log file**

|  |
| --- |
| echo "This is a sample log file" > sample.log |

**2. Create a log folder**

|  |
| --- |
| mkdir log |

**3. Verify both the file and folder are created**

ls

Expected output:

log sample.log

**4. Create or update .gitignore file**

notepad++ .gitignore

Add the following lines:

|  |
| --- |
| \*.log  log/ |

* \*.log → Ignores all files with .log extension
* log/ → Ignores the log folder and its contents

**5. Save and close .gitignore**

**6. Verify Git status**

git status

Expected result:

* .log file and log folder do **not** appear in tracked/untracked files
* .gitignore will be listed if new or modified

**7. Stage .gitignore**

git add .gitignore

**8. Commit changes**

git commit -m "Added .gitignore to ignore .log files and log folder"

**9. Verify status again**

git status