Documentation

| Date: 18 July 2025 |
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| Topics Covered: |
| - Git branching and workflows (Gitflow & Trunk-based) |
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| - Feature branch creation and switching Staging and committing files using left addl and left committed. |
| - Staging and committing files using 'git add' and 'git commit' |
| - Rebasing and merge workflows ('git rebase', 'git merge') |
| - Conflict creation and resolution during merges |
| - Remote operations with GitHub ('clone', 'pull', 'push', 'fetch', 'delete branch') |
| - File recovery and directory management ('restore', 'rm', 'rmdir', 'ls -la ~/.Trash') |
| - Git file recovery with 'checkout' and 'restore' |
| Practice Done: |
| - Created and switched between multiple branches: 'main', 'develop', 'feature/login', 'feature/rebase', |
| 'feature/merge', 'conflict-branch' |
| - Staged and committed files to respective branches using: |
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| git add . |
| git commit -m "Message" |
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| - Performed rebasing and merging between 'main' and feature branches |
| - Simulated a merge conflict scenario and resolved it using: |
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| git add conflict.txt |
| git commit -m "Resolved merge conflict" |
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| - Cloned a repository using: |
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| git clone https://github.com/yourname/test.git |
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