```
Initial Setup

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git clone <repo-url>          # Clone a repository

cd <repo-name>                # Move into project folder


Working with Branches

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git branch                    # List all branches

git checkout <branch-name>    # Switch to a branch

git switch <branch-name>      # (Alternative to checkout)

git checkout -b <new-branch>  # Create + switch to a new branch

git switch -c <new-branch>    # (Alternative)


Making Changes

-------------

git status                    # See changes and staging info

git add <file>                # Stage a specific file

git add .                     # Stage all changes

git commit -m "Your message"  # Commit staged changes


Syncing with Remote

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git pull                      # Pull latest changes from current branch

git push                      # Push current branch to remote

git push -u origin <branch>   # Push new branch to remote and track it


Merging Changes
```

```
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git checkout main              # Go to main branch

git pull                       # Make sure it's up to date

git merge <feature-branch>     # Merge another branch into main


Cleaning Up

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git branch -d <branch>         # Delete local branch (after merge)

git push origin --delete <branch>  # Delete remote branch


Extras

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git log --oneline              # Compact commit history

git diff                       # See unstaged changes

git stash                      # Temporarily save uncommitted changes

git stash pop                  # Reapply stashed changes
```