

1. **git diff**: Show file differences not yet staged.
  2. **git commit -a -m "commit message"**: Commit all tracked changes with a message.
  3. **git commit --amend**: Modify the last commit.
  4. **git status**: Show the state of your working directory.
  5. **git add file\_path**: Add file(s) to the staging area.
  6. **git checkout -b branch\_name**: Create and switch to a new branch.
  7. **git checkout branch\_name**: Switch to an existing branch.
  8. **git checkout <commit>**: Switches the working directory to a specific commit.
  9. **git push origin branch\_name**: Push a branch to a remote.
  10. **git pull**: Fetch and merge remote changes.
  11. **git fetch**: Fetch changes from the remote repository without merging.
  12. **git rebase -i**: Rebase interactively, rewrite commit history.
  13. **git rebase branch\_name**: Rebase the current branch onto another branch.
  14. **git clone**: Create a local copy of a remote repo.
  15. **git merge**: Merge branches together.
  16. **git log --stat**: Show commit logs with stats.
  17. **git stash**: Stash changes for later.
  18. **git stash pop**: Apply and remove stashed changes.
  19. **git show commit\_id**: Show details about a commit.
  20. **git reset HEAD~1**: Undo the last commit,
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- 21. **git branch -D branch\_name**: Delete a branch forcefully.
- 22. **git reset**: Undo commits by moving branch reference.
- 23. **git revert commit\_id**: Create a new commit that undoes the changes of a specific commit.
- 24. **git cherry-pick commit\_id**: Apply changes from a specific commit.
- 24. **git branch**: Lists branches.
- 26. **git reset --soft HEAD^**: Undo the last commit, but keep the changes.
- 27. **git reset --hard**: Resets everything to a previous commit, erasing all uncommitted changes.
- 28. **git branch --set-upstream-to remote\_branch**: Sets the upstream branch to the specified

# Git Workflow

