Rewriting History

Undoing commits

git reset --soft HEAD^   # Removes the last commit, keeps changed staged

git reset --mixed HEAD^   # Unstages the changes as well

git reset --hard HEAD^   # Discards local changes

Reverting commits

git revert 72856ea   # Reverts the given commit

git revert HEAD~3..   # Reverts the last three commits

git revert --no-commit HEAD~3..

Recovering lost commits

git reflog   # Shows the history of HEAD

git reflog show bugfix   # Shows the history of bugfix pointer

Amending the last commit

git commit --amend

Interactive rebasing

git rebase -i HEAD~5