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2. True. \$git reset <filename> can be used to remove a certain file from the staging area.

Notes: There are three main modes of git reset: --soft, --mixed, --hard. If users run git reset <commitID> without specifying an option, Git will default to using the --mixed behavior. And what happens with that is:

- 1. The HEAD pointer is moved to the specific commit. (which means all commit history after this commit will be removed.
- 2. Changes are unstaged but not lost.
- 3. False. Git reset can also modify the staging area and working directory. Git revert can also create a new commit to undo the commit.
- 4. True. But at this time, the HEAD will reflect the state of that specific commit and it is not attached to any branch.
- 5. True.
- 6. False. git log -p will also show the actual code changes.
- 7. False. git log --stat will give more details.
- 8. True. git reset doesn't change the git history.