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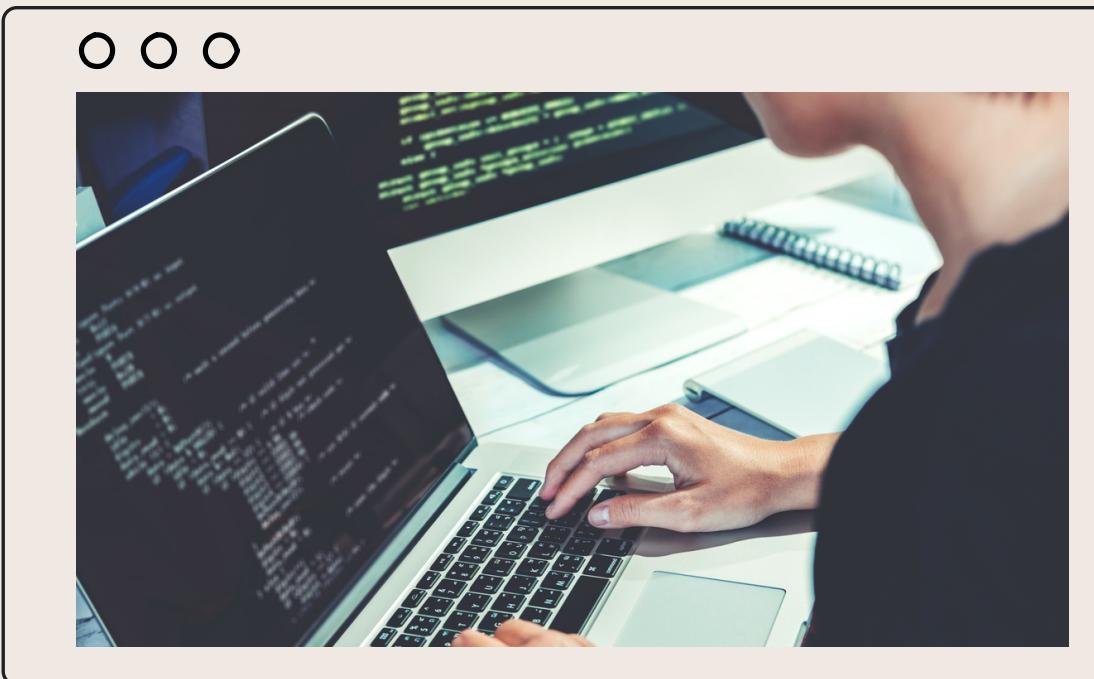
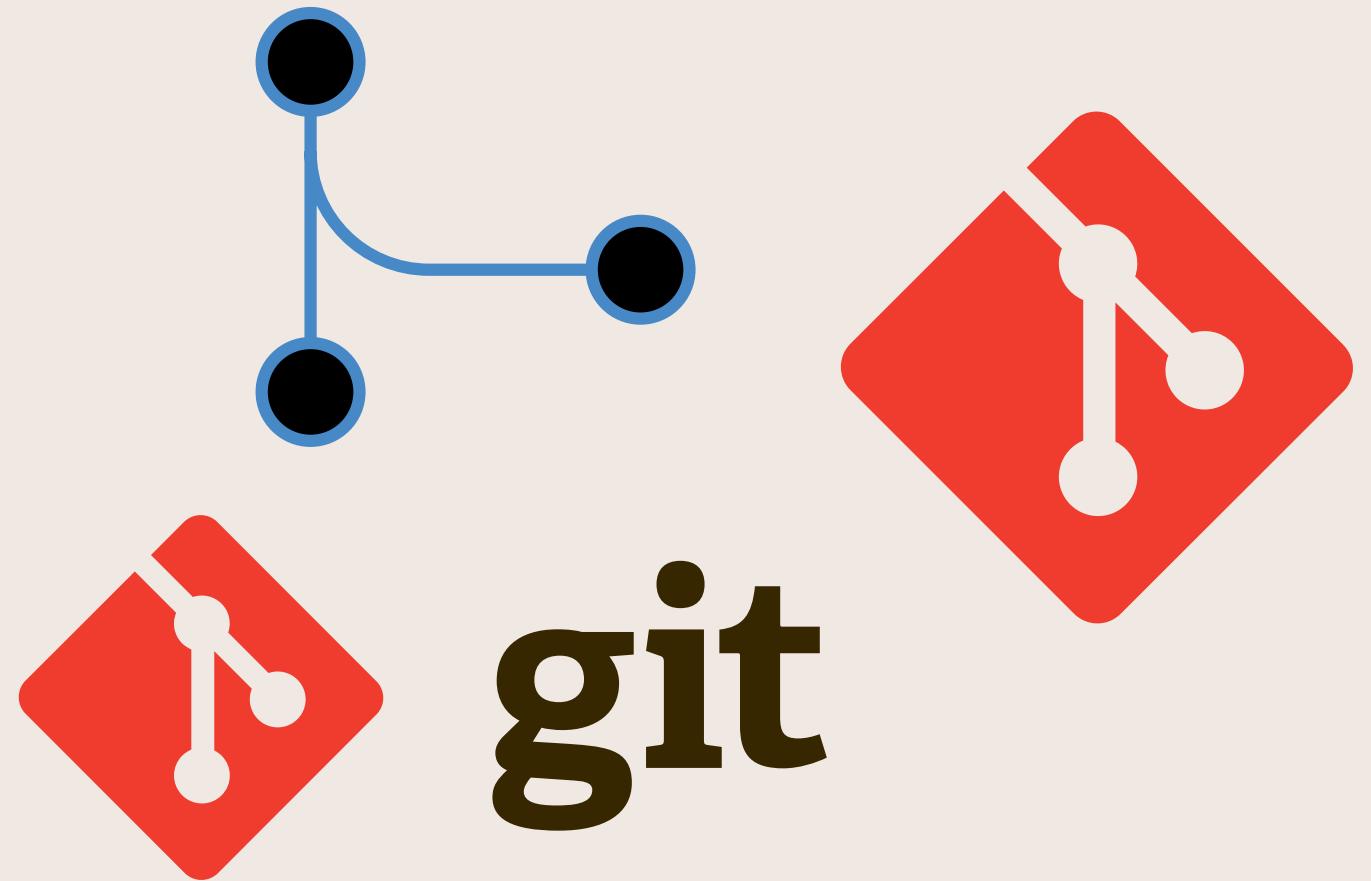
20 Git Commands Every Developer Should Know



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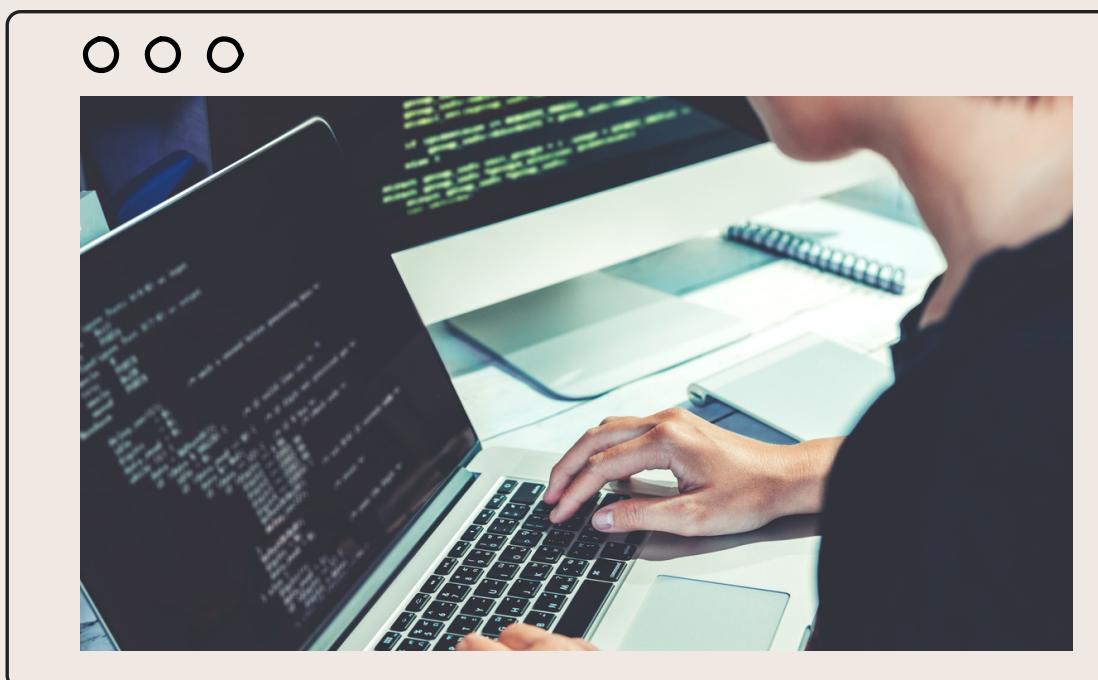
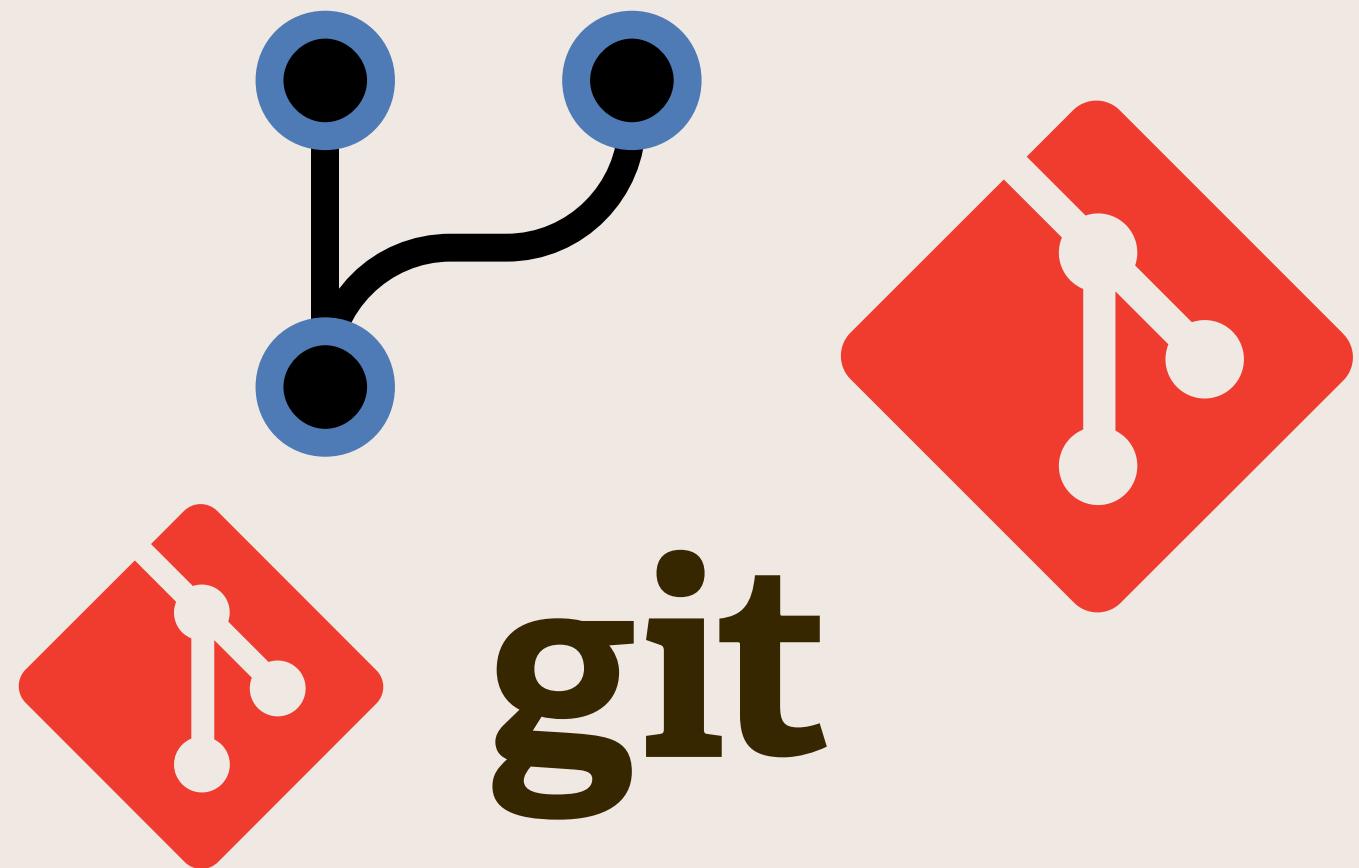
git init

This command is used to initialize a project as a git repository.



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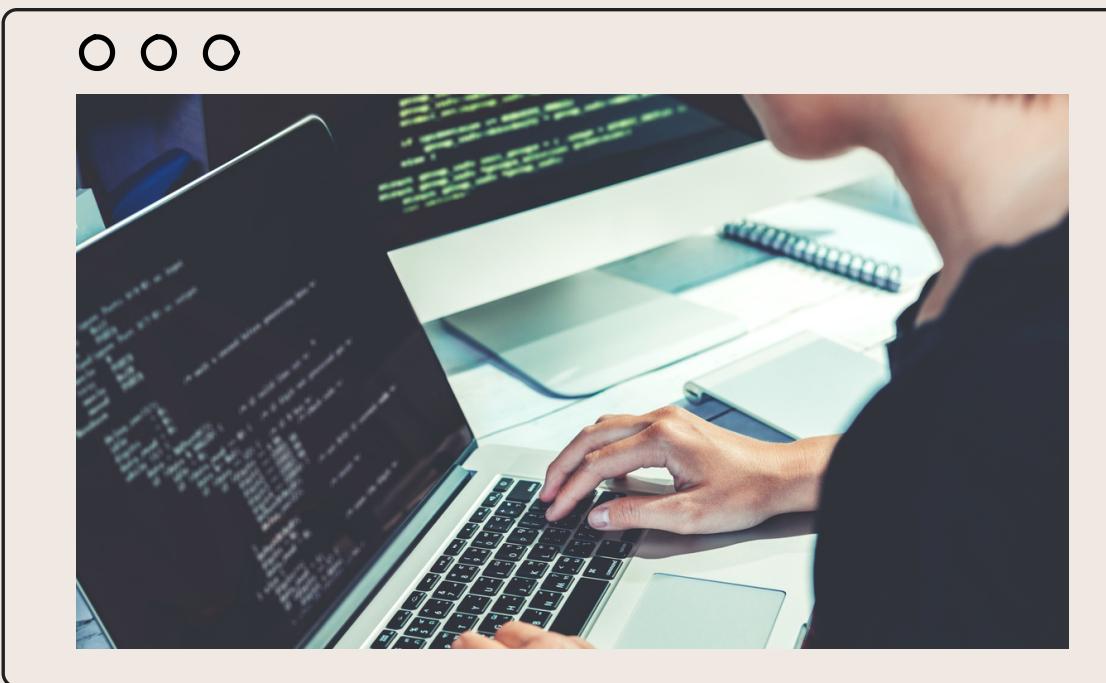
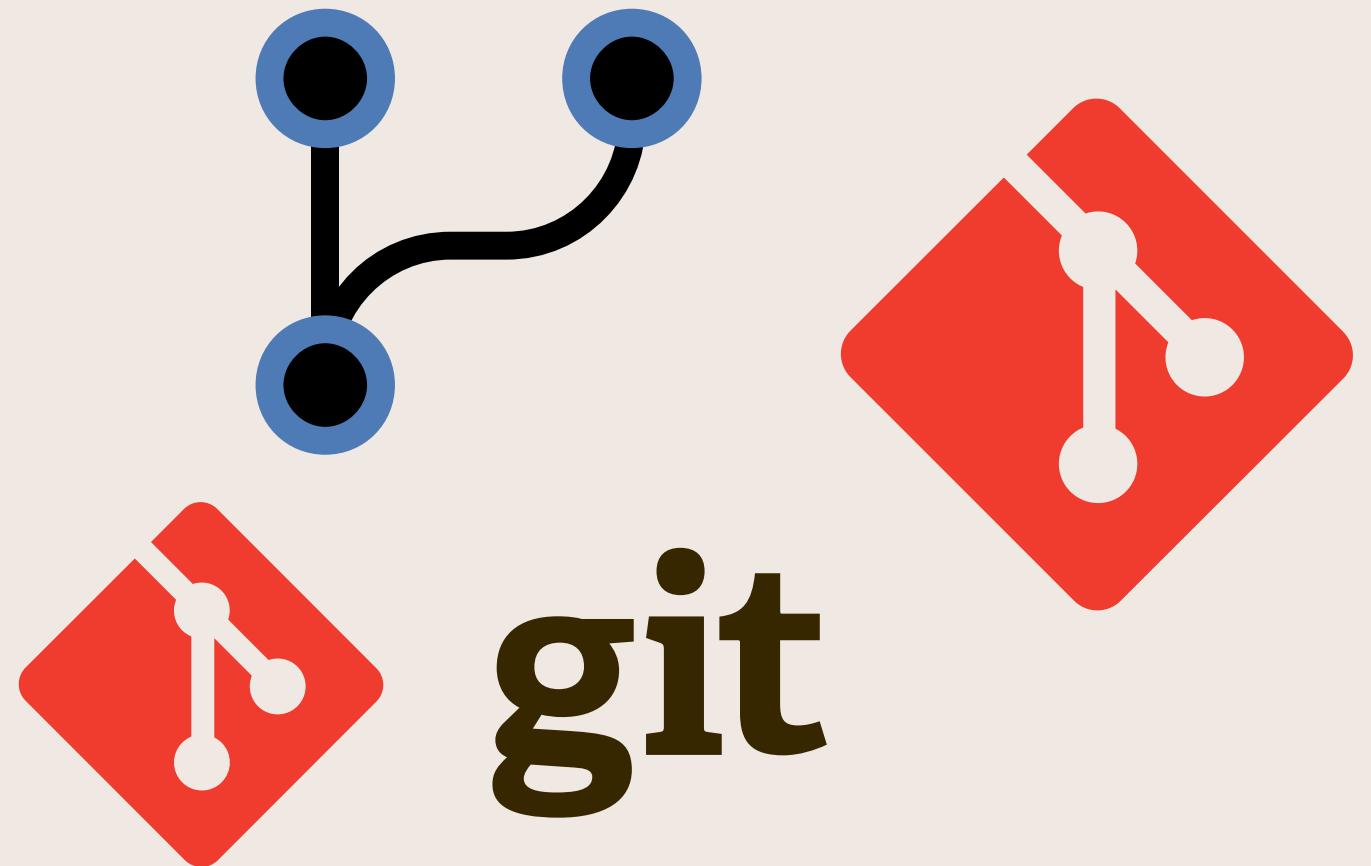
git remote add origin

This command is used to add or connect to a remote repository.

`git remote add origin`

`https://github.com/Sanket00900/Git-CheatSheet.git`

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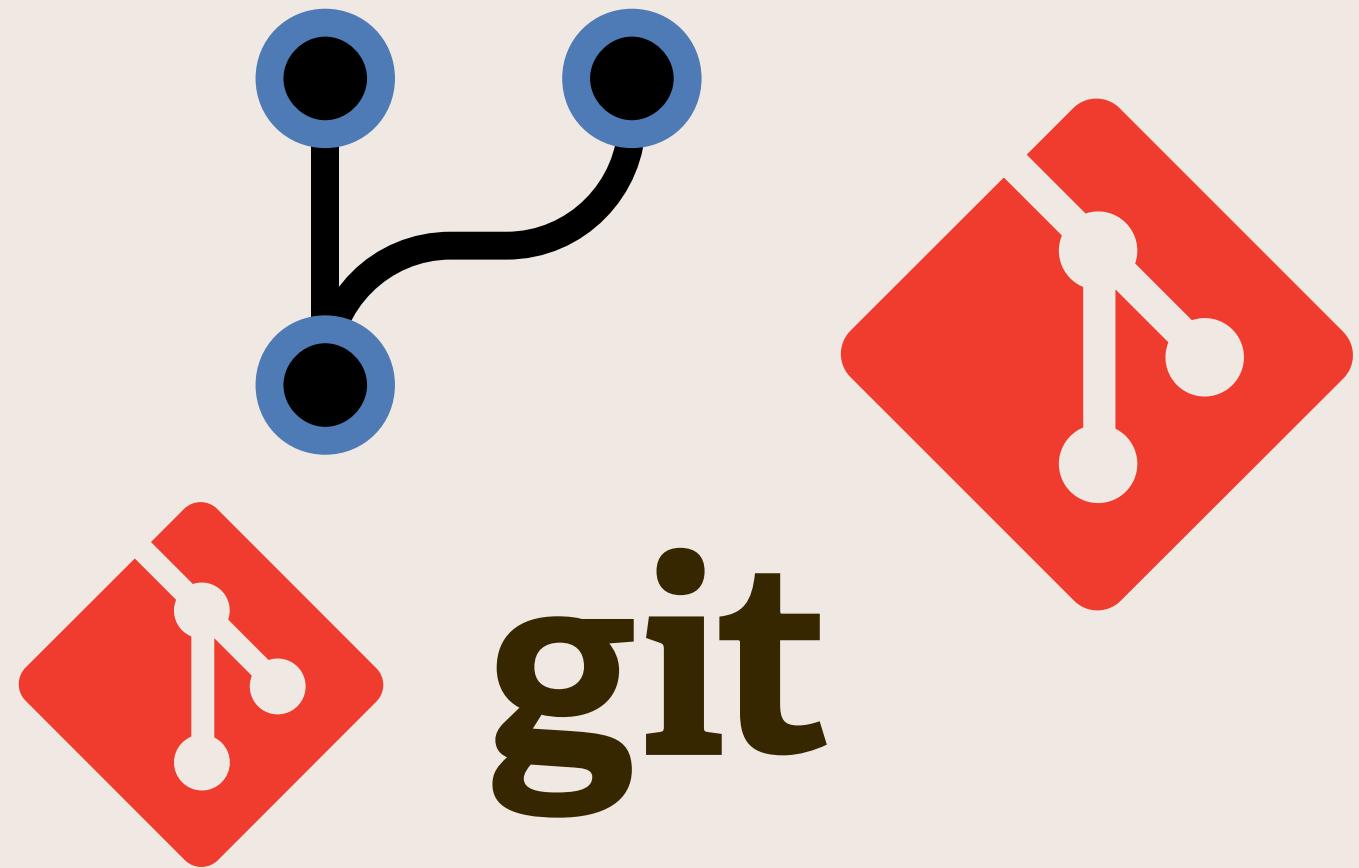
git remote

This command is used to view connected remote repositories.



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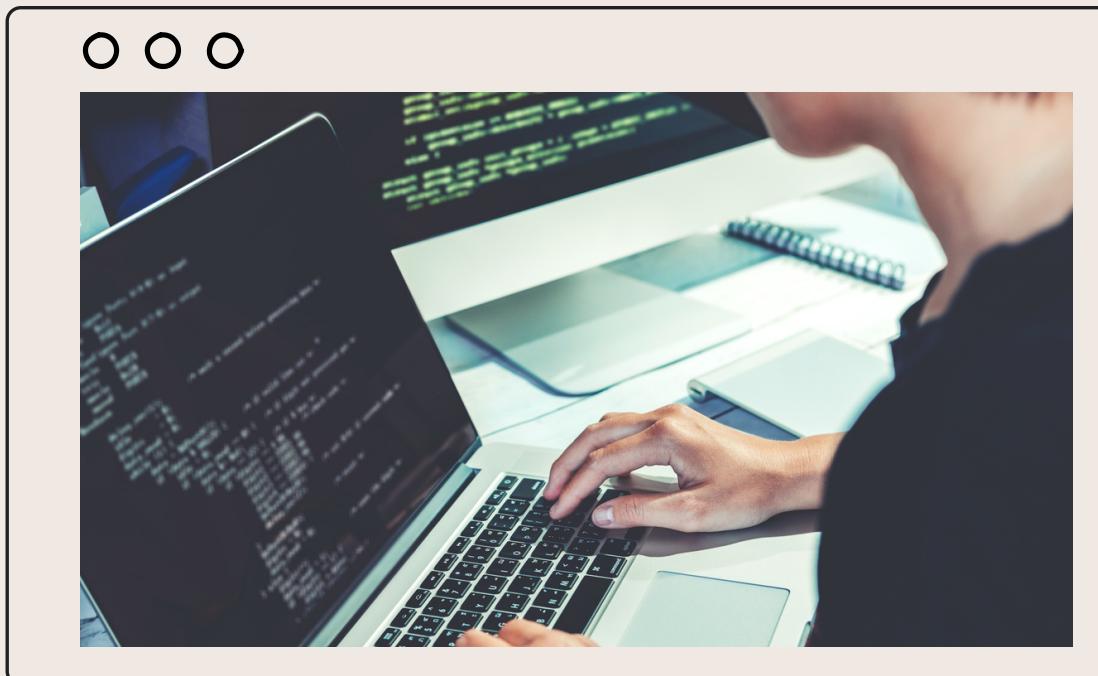
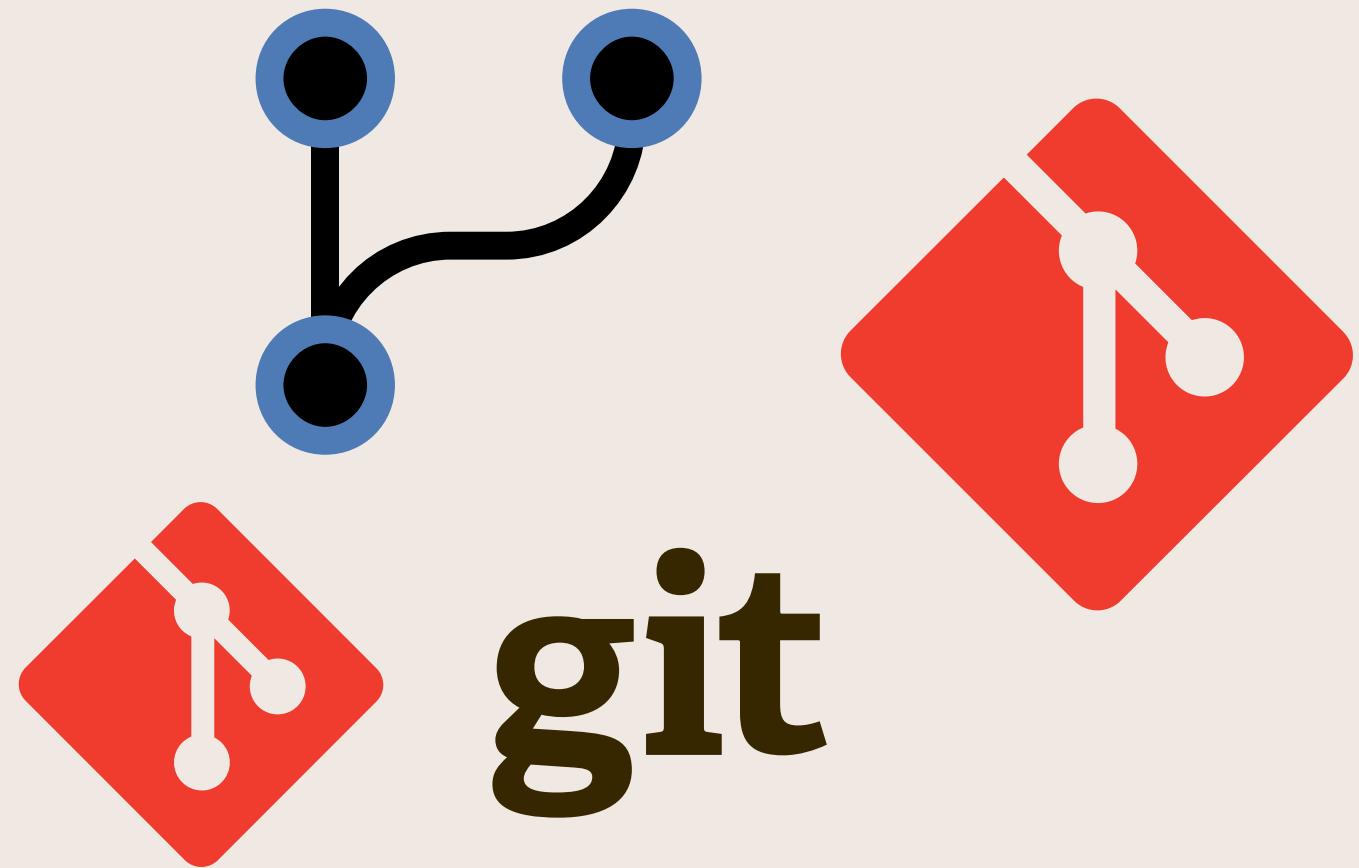
git status

This command is used to view the status of files in your local repository. Are files tracked? untracked? modified?



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git add

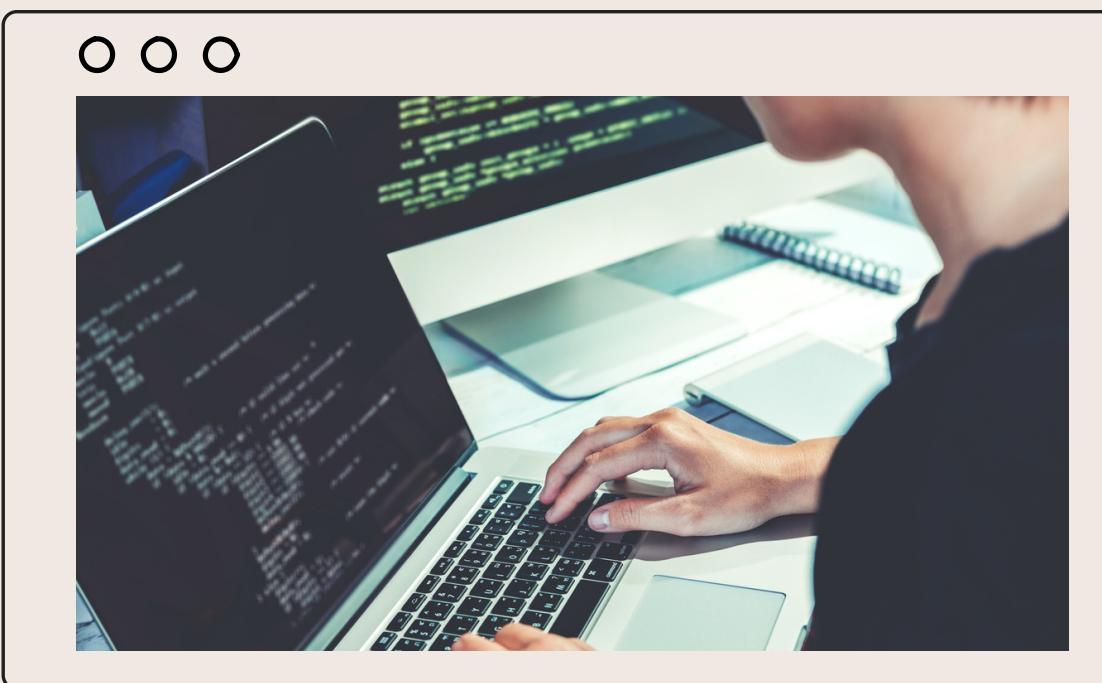
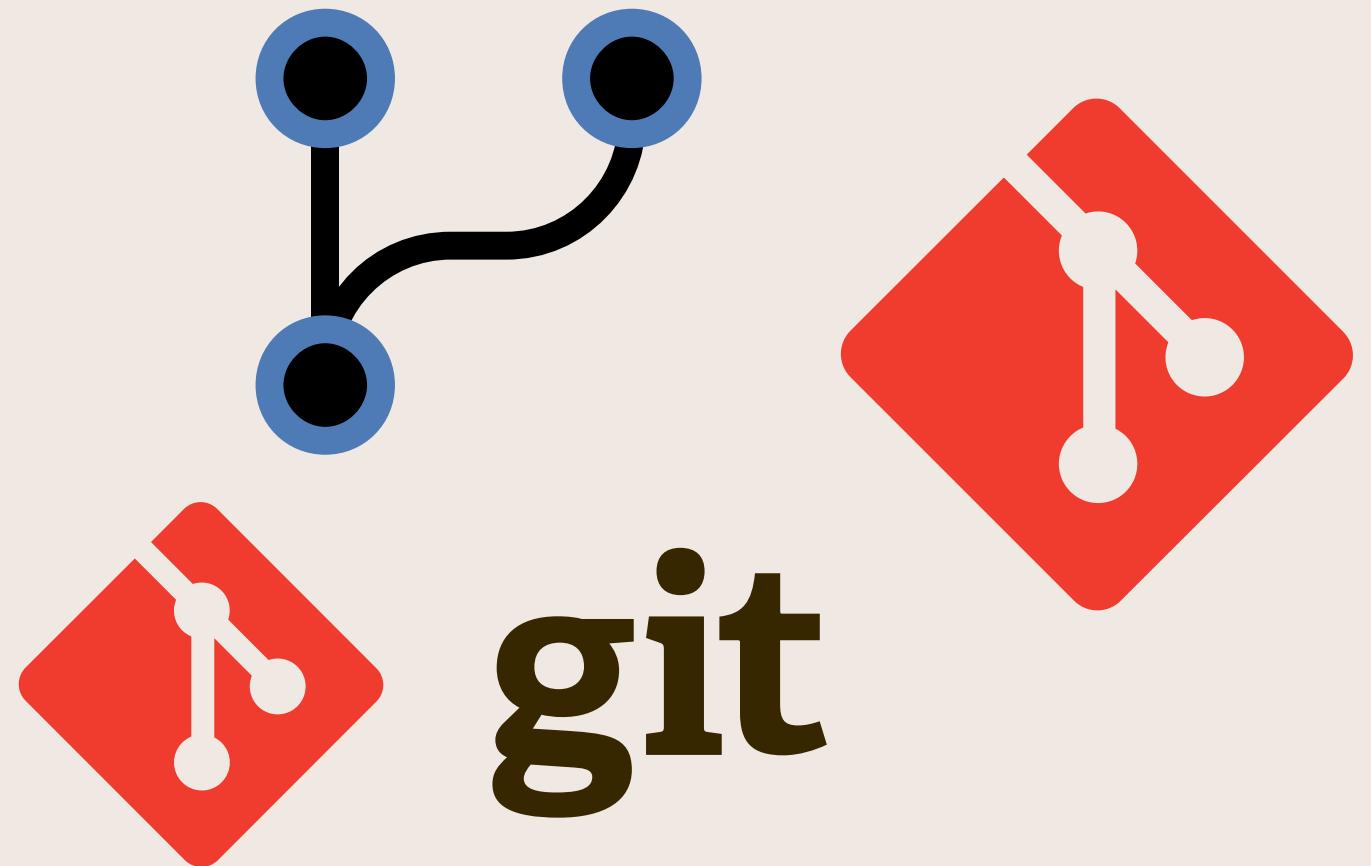
This command is used to stage modified or untracked files.

```
git add .  
git add index.html  
git add index.html style.css style.scss
```



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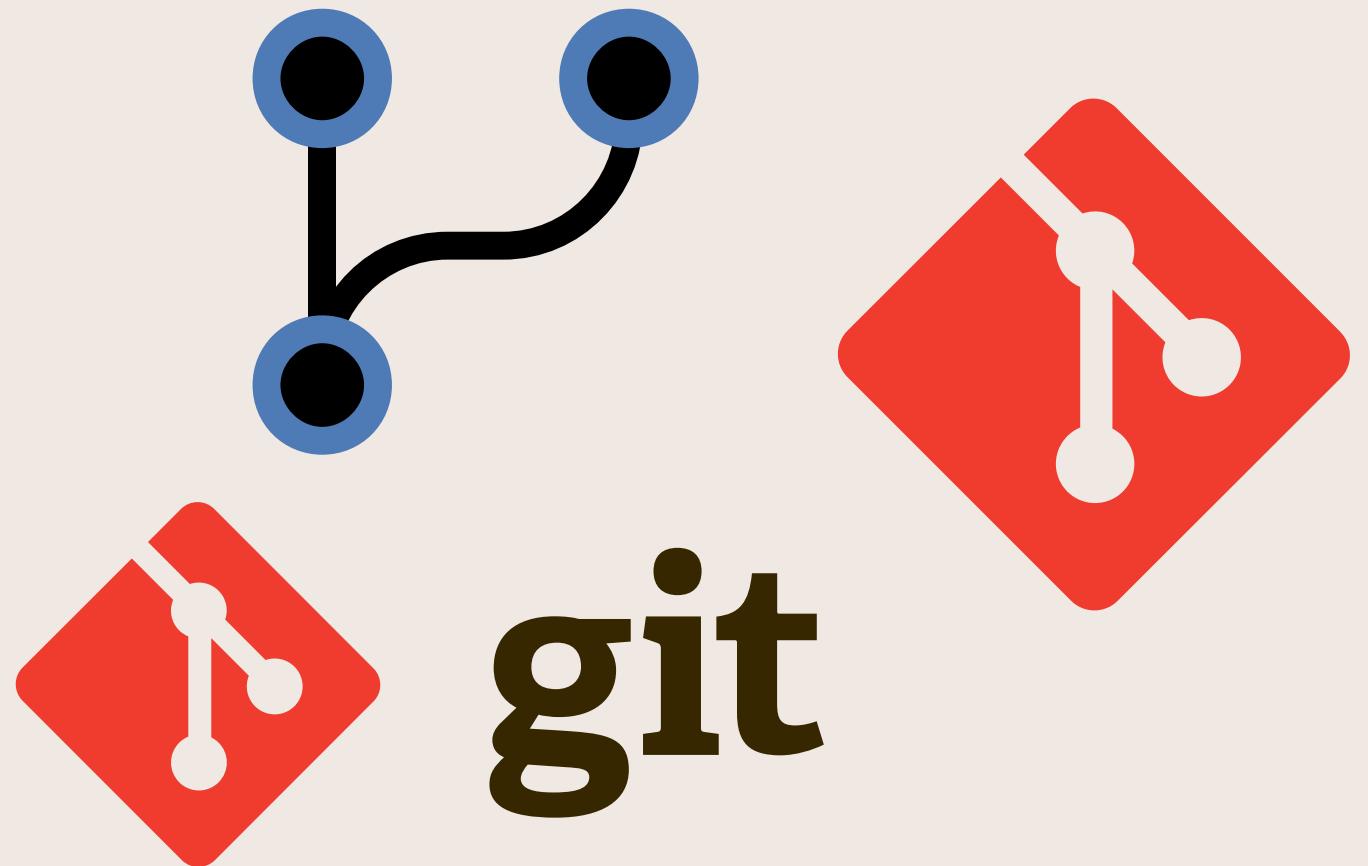
git reset

This command is used to unstage files.



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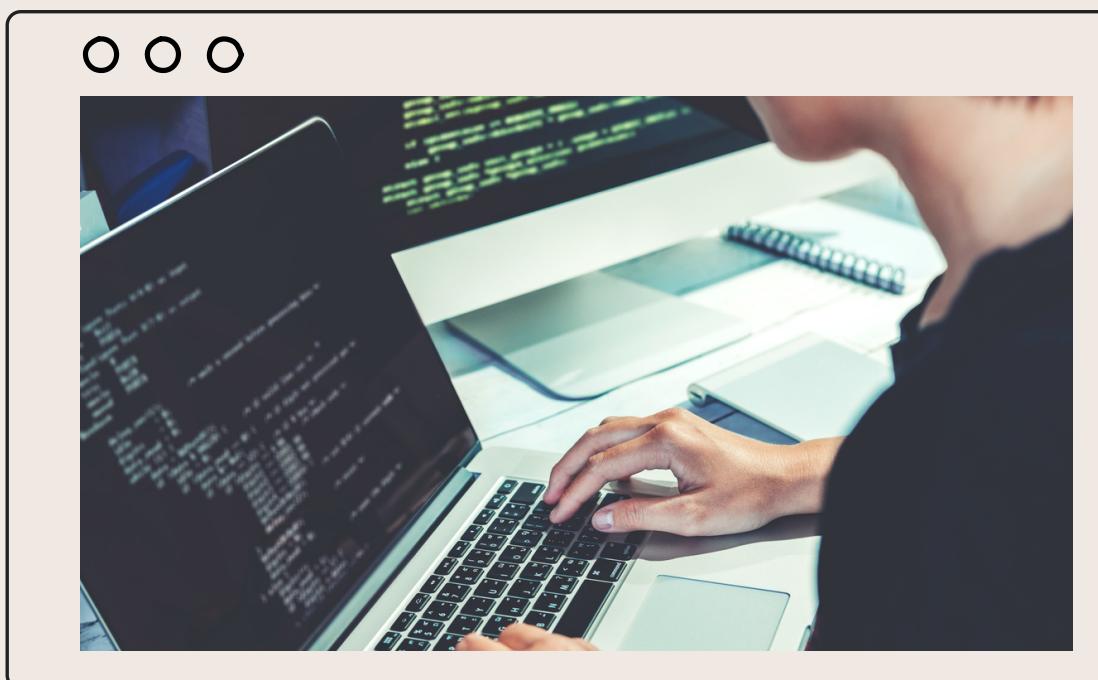
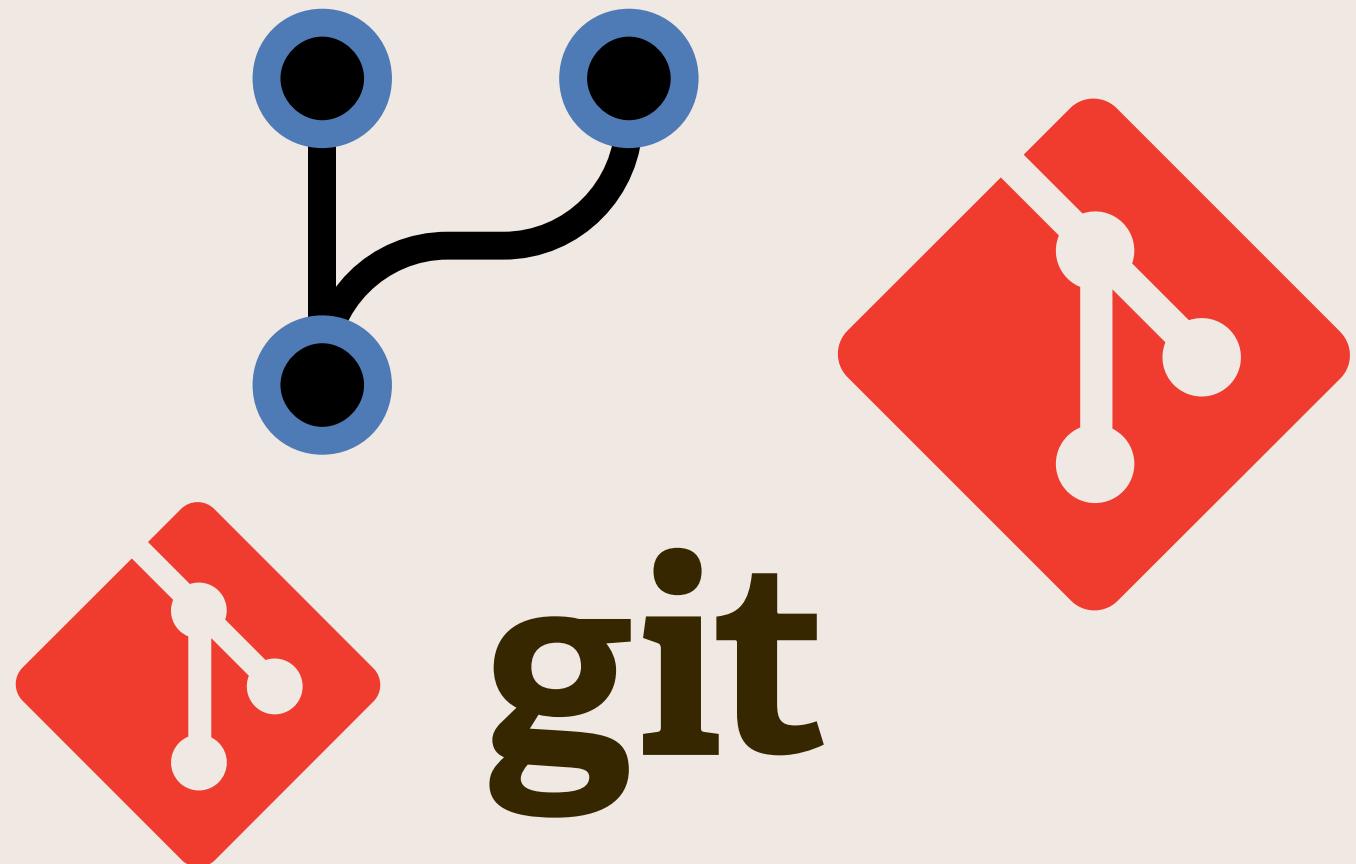
git commit - m " "

This command is used to commit staged files AND provide a commit message for the commit history.



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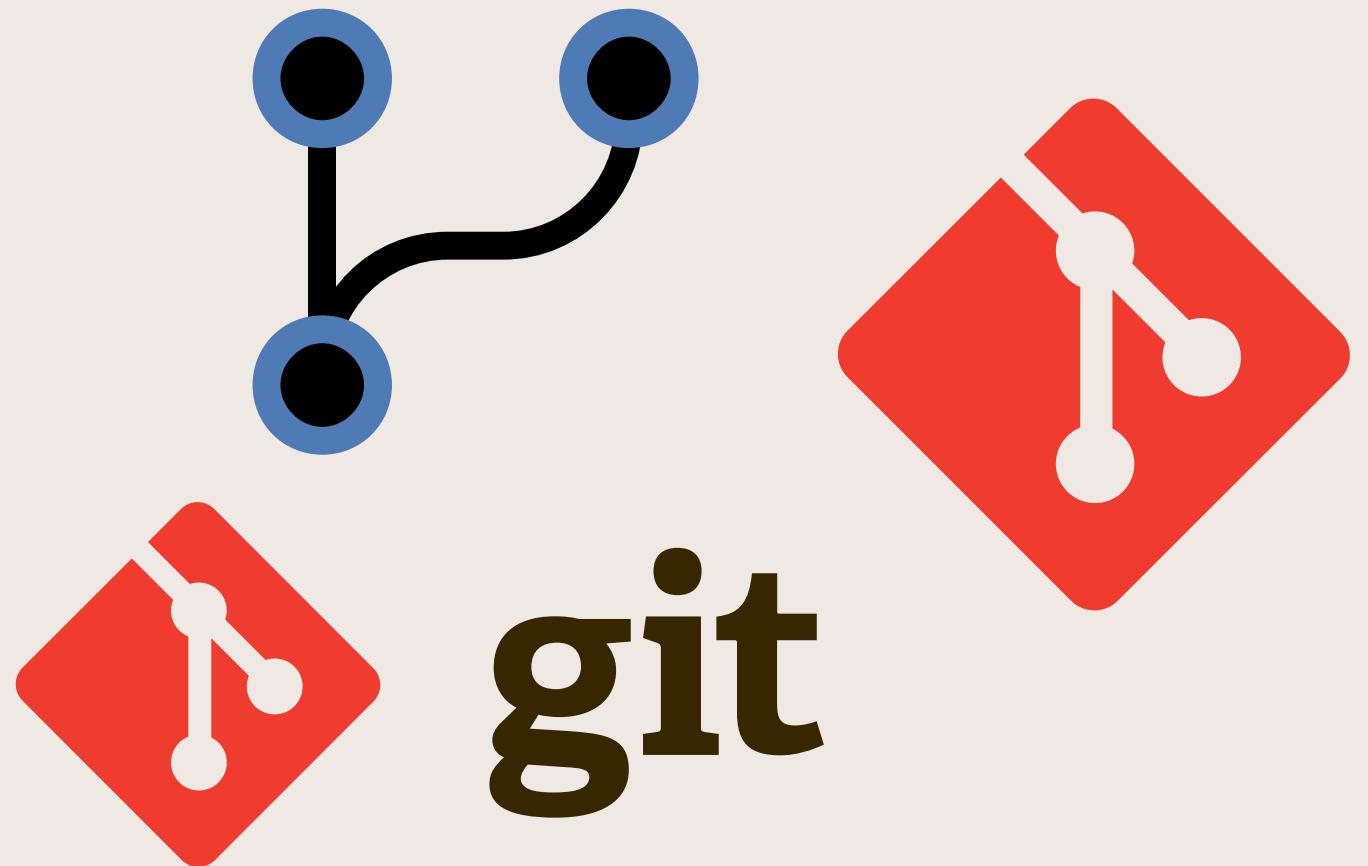
git commit -- amend

The git commit --amend command
is a convenient way to modify the
most recent commit.



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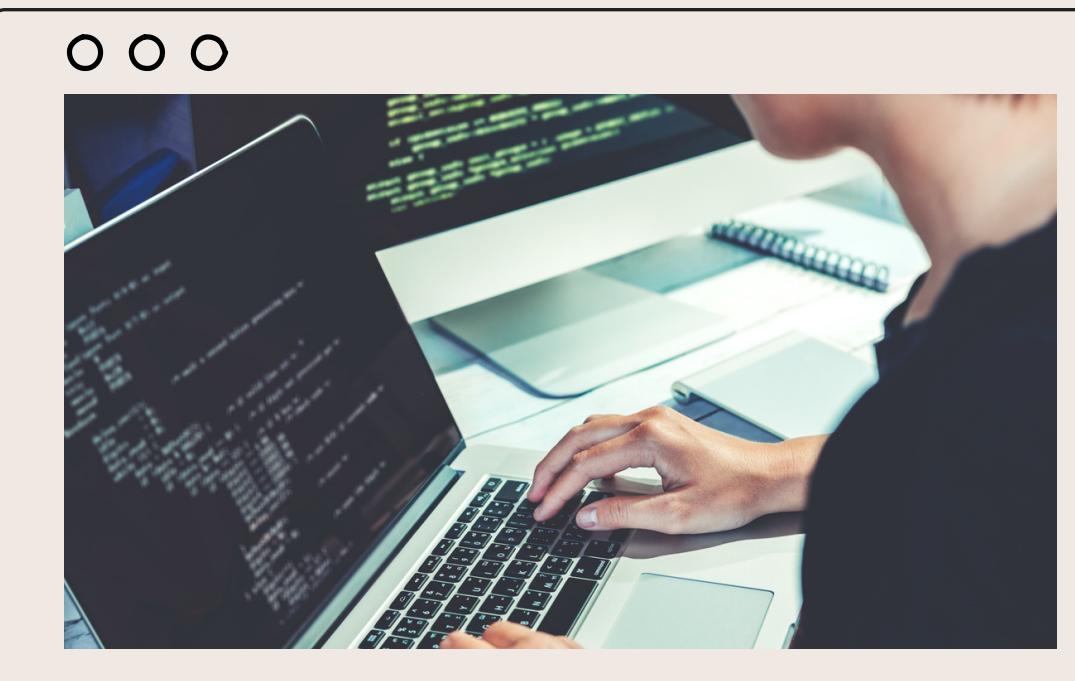
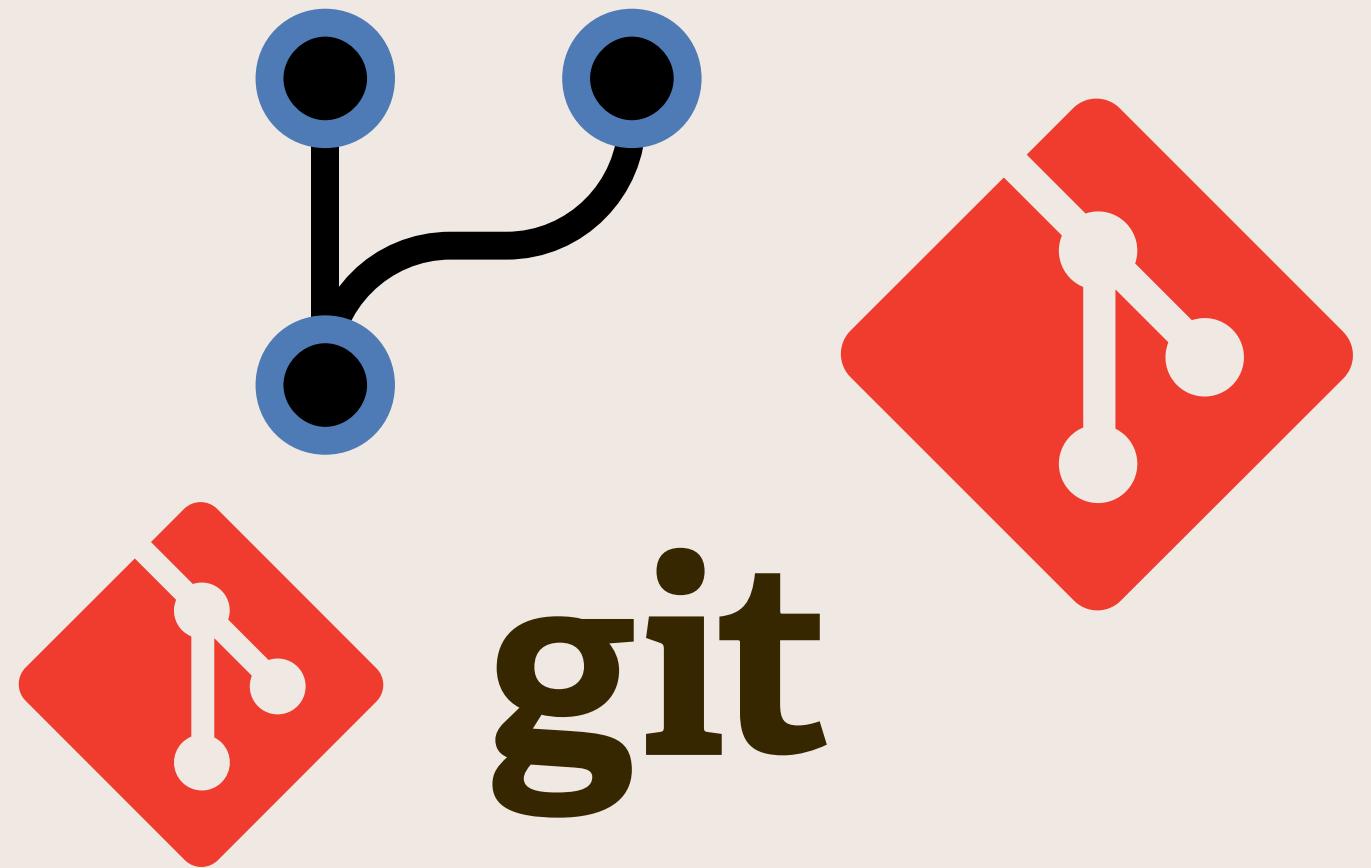
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git push -u origin

This command is used to push committed files to the remote repository(aka GitHub) in the specified branch. Use this command for the very first time you push files to the remote repository. It will establish where you are pushing these files to. The next time(s) you push files, you can use git push

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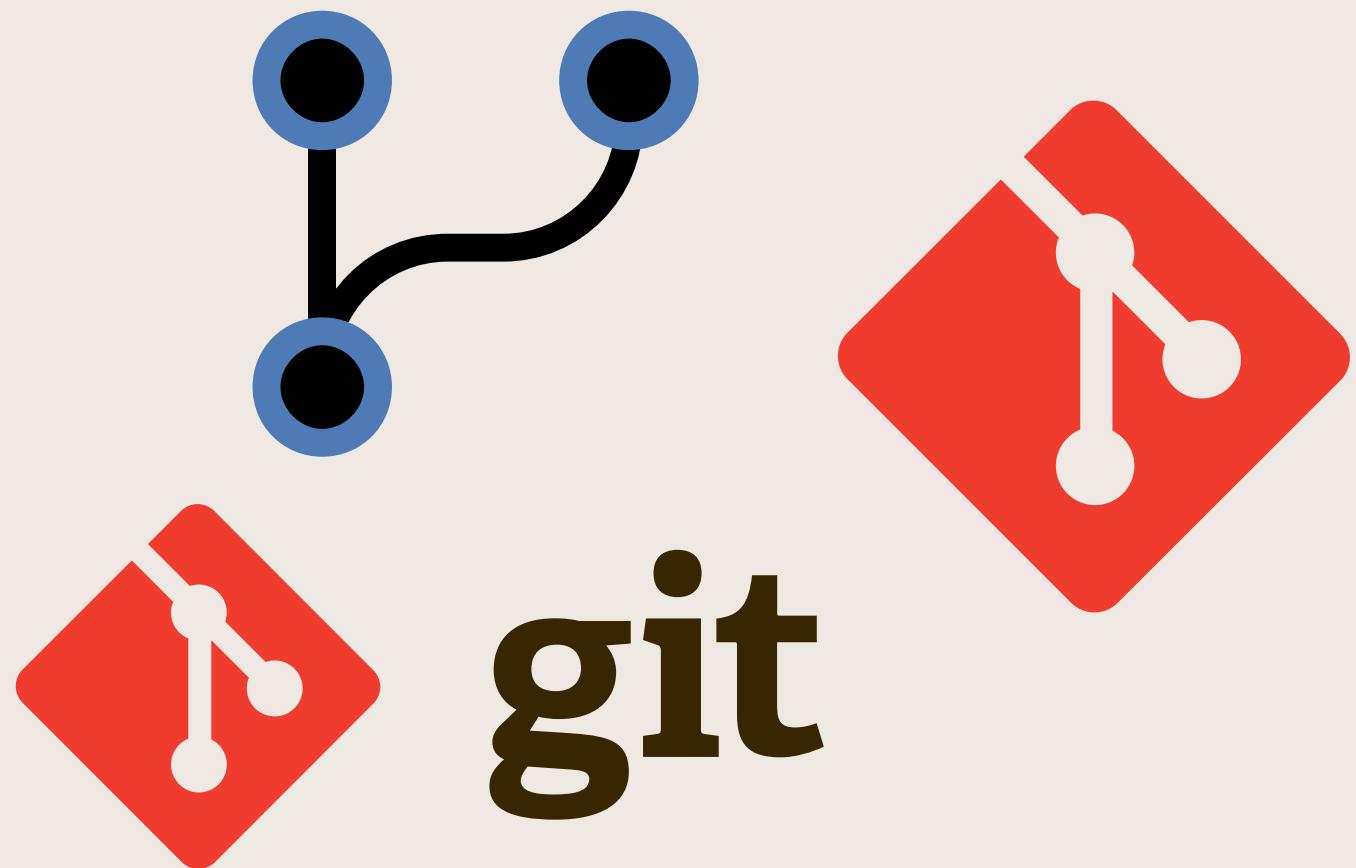
git fetch

This command is used to fetch the most updated version of your local repository. It checks for new files, new branches, deletions etc.



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git pull

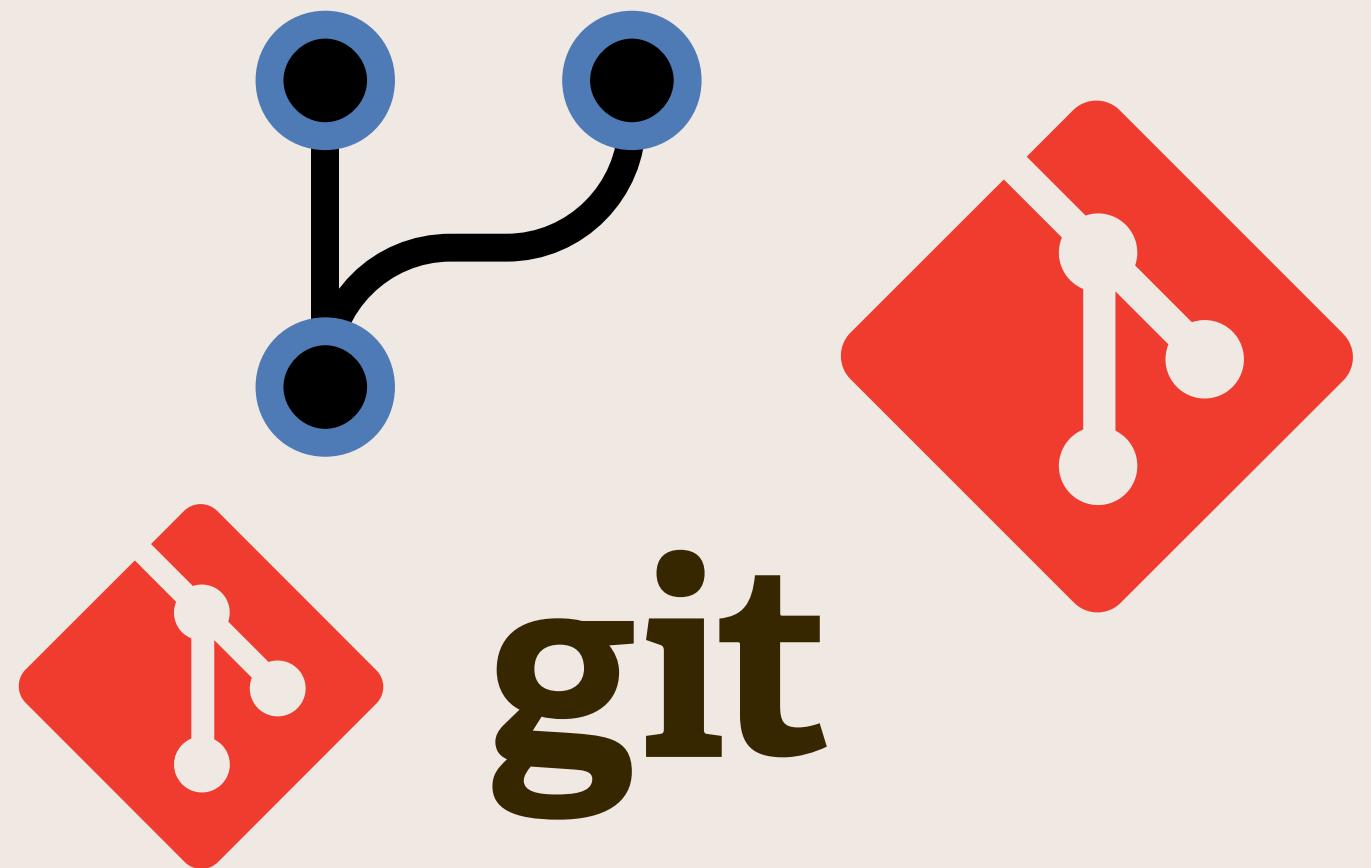
This command is used to take that information you just fetched and pull it into your local repository.

This updates your local repository to the most updated version of your remote repository.



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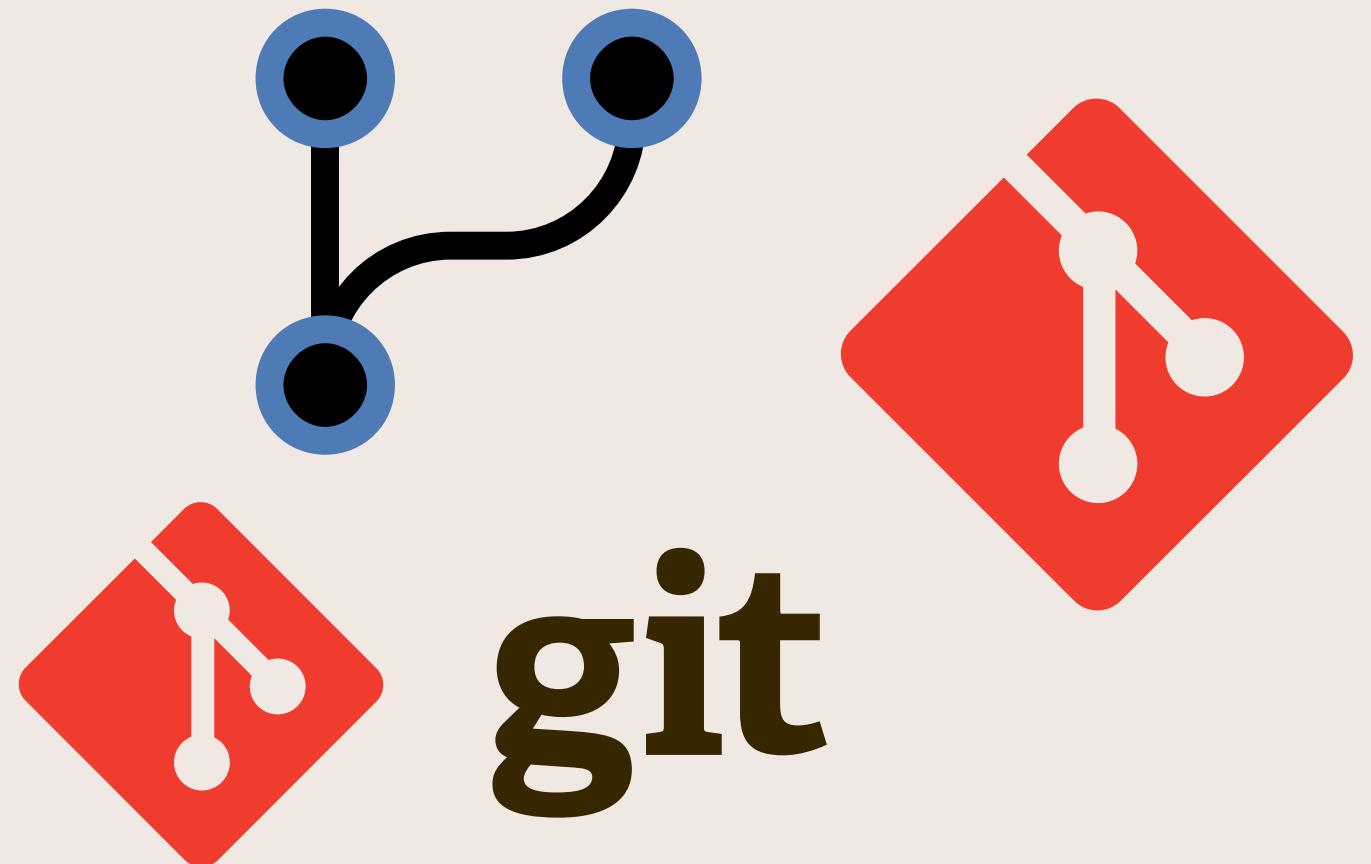
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git rm -r – cached

This command is used to remove a file from the remote repository(GitHub) without deleting it in your local repository.

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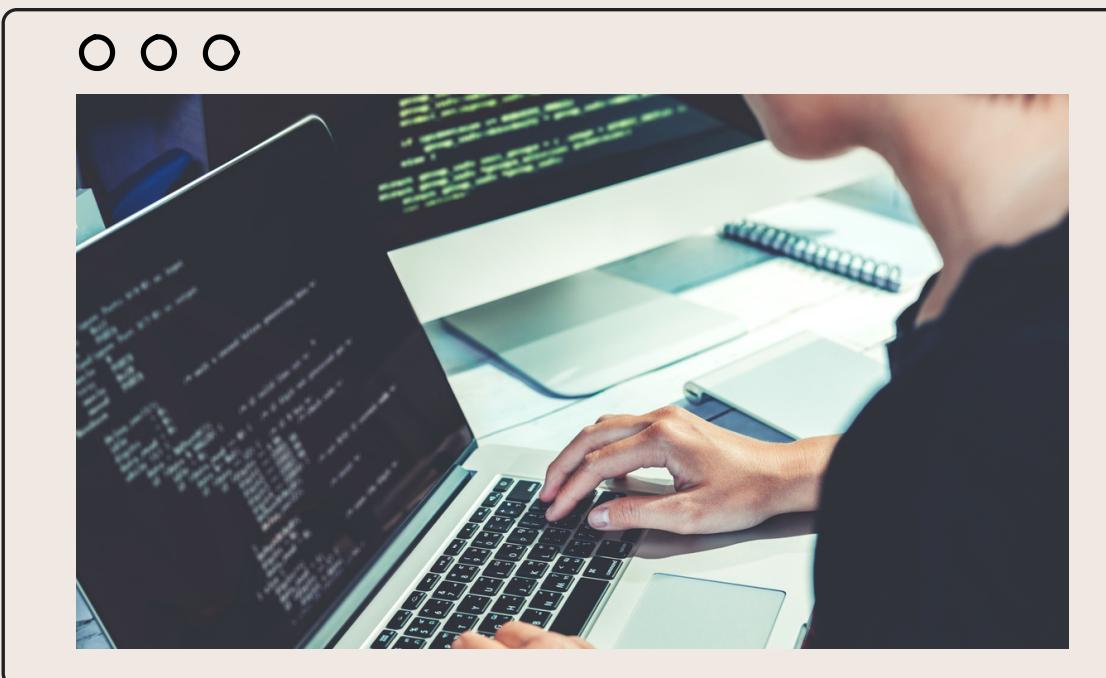
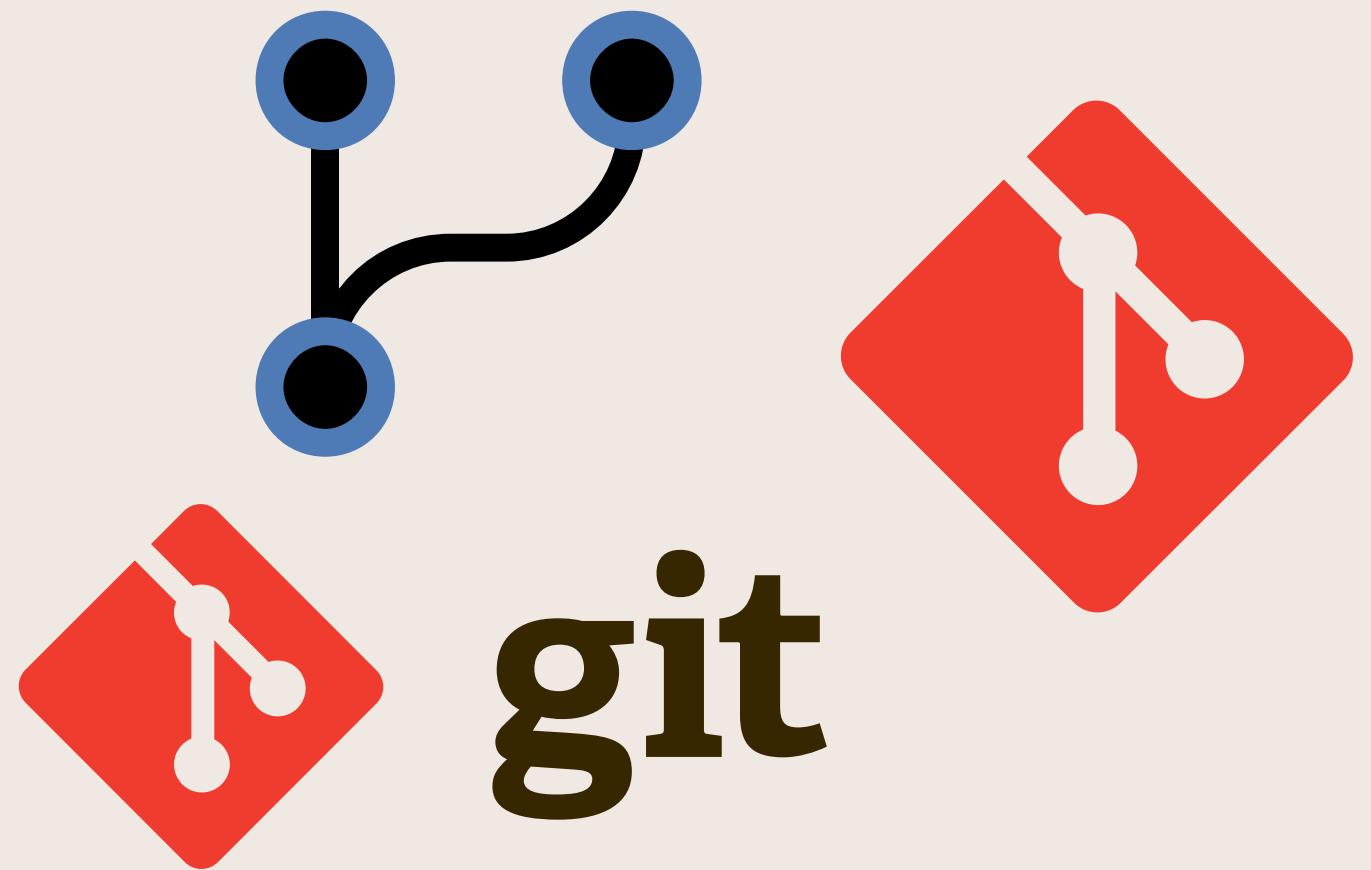
git branch

- **git branch -a** :- This command is used to preview all the branches in your local and remote repository.
- **git branch -r** :- This command is used to preview all the branches in your local repository (aka branches you have already visited).



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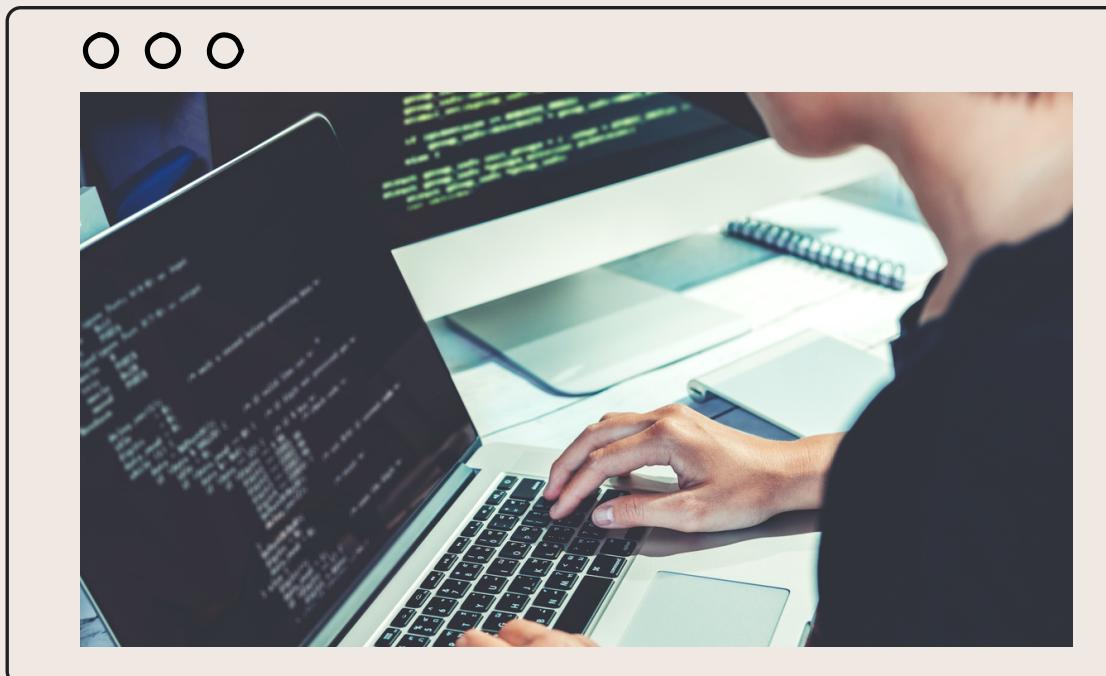
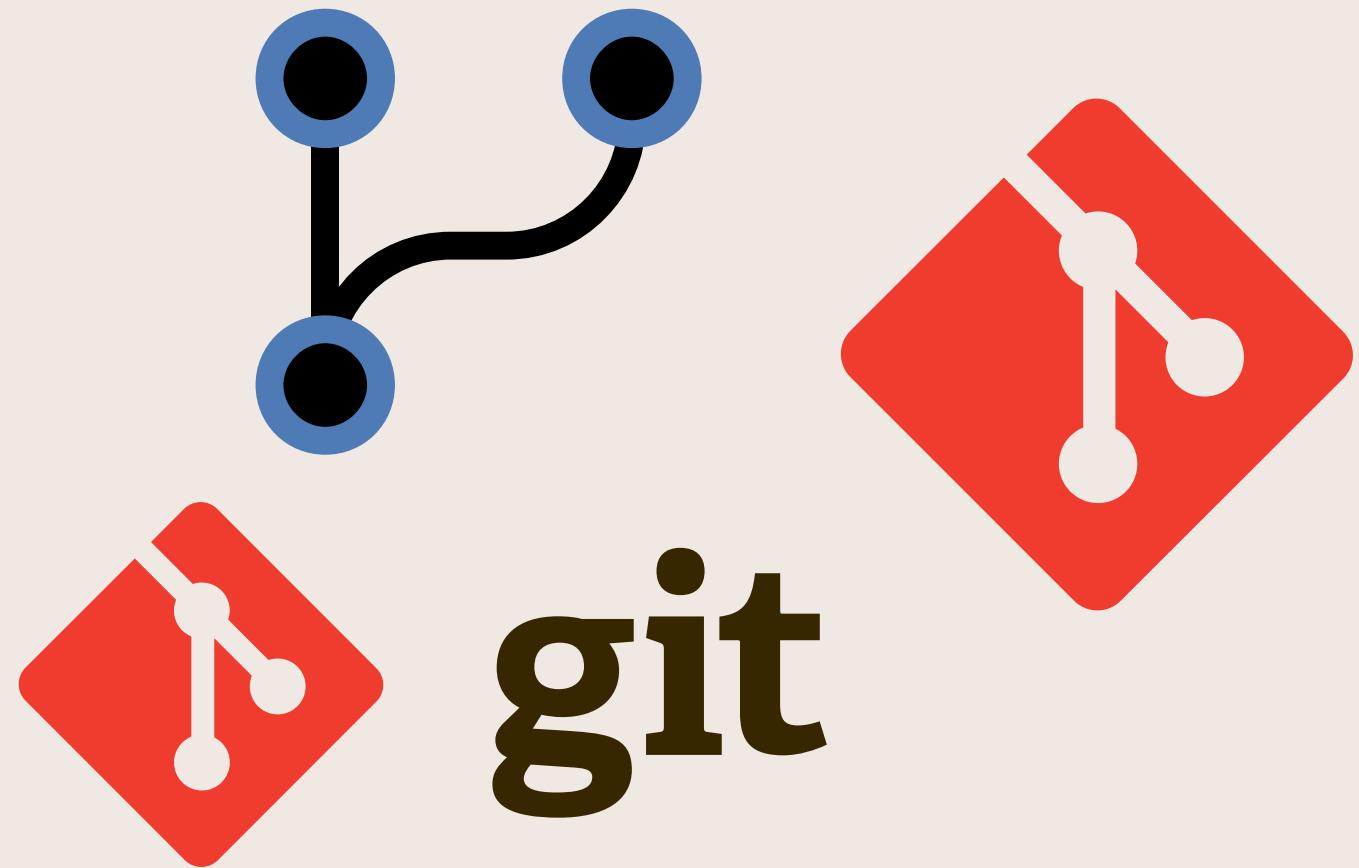
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git checkout – track origin/

- git checkout --track
origin/develop
- This command is used to switch branches. This is specifically for when you are visiting a branch (created in GitHub/remote repository) for the very first time.

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git checkout

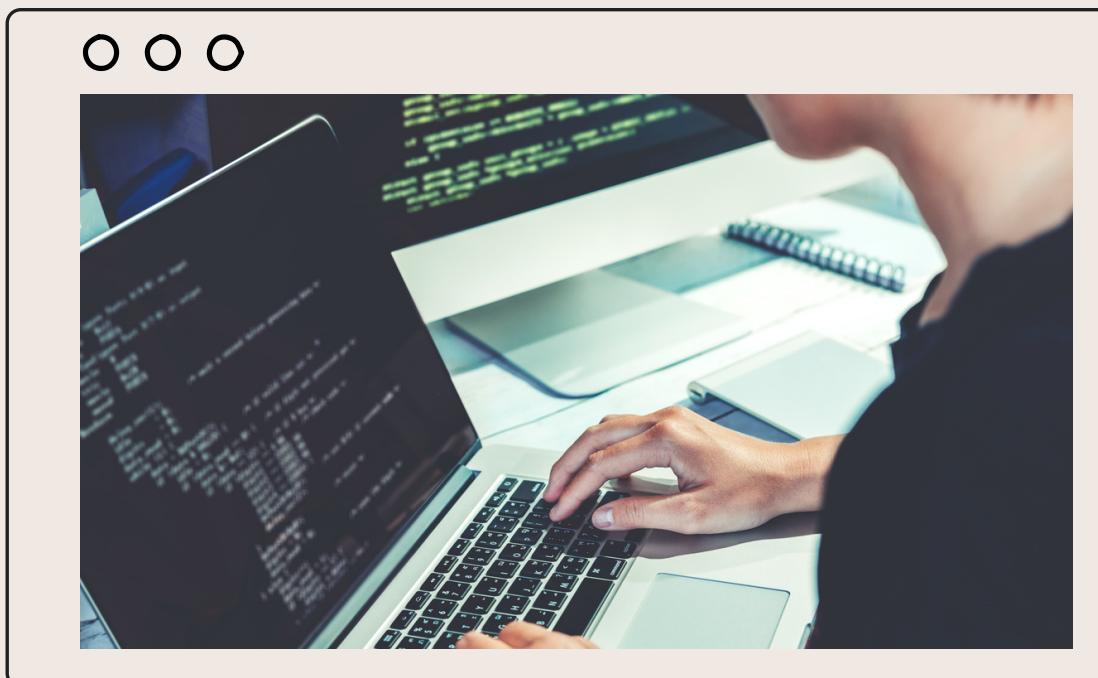
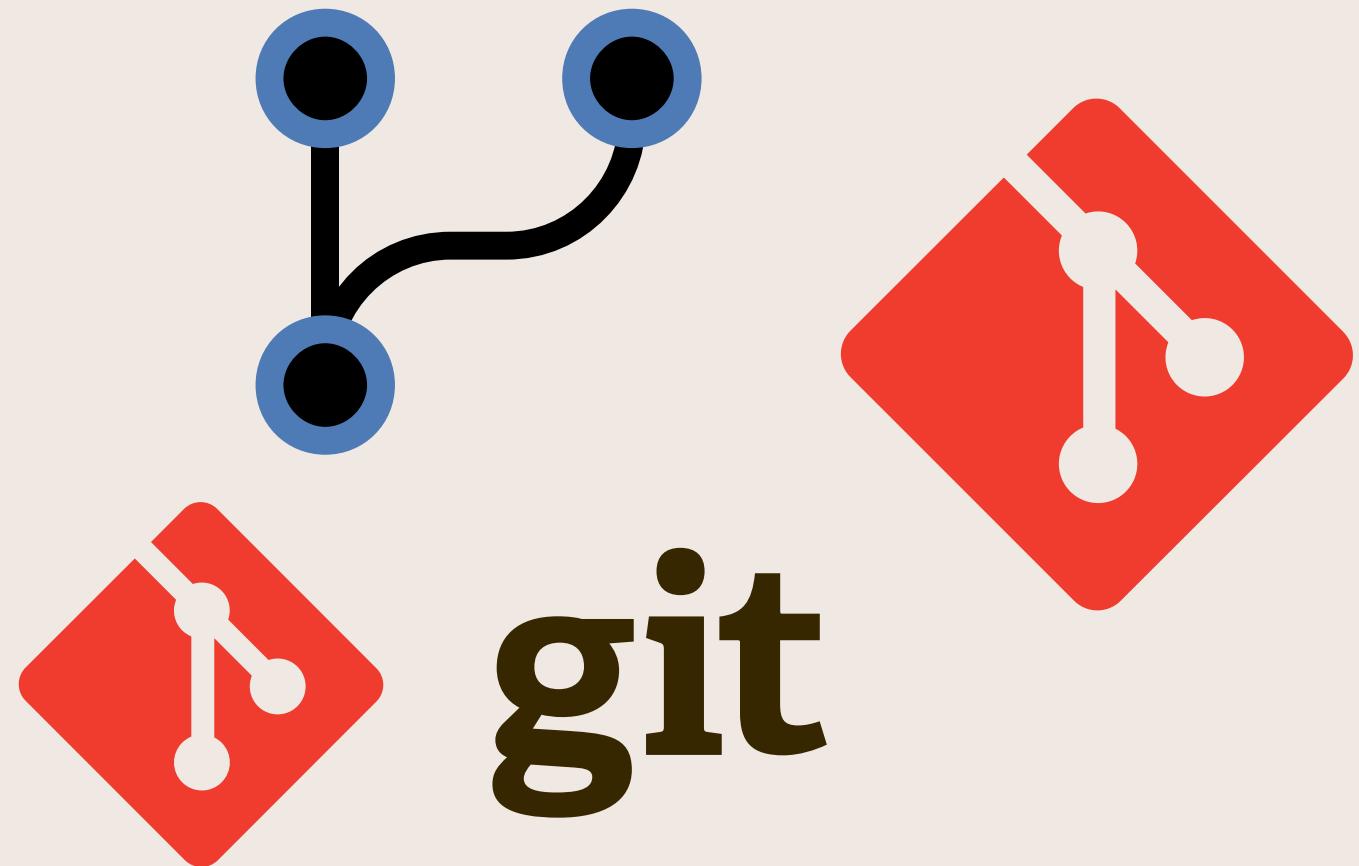
- git checkout master
- git checkout develop

- This command is used to switch to branches you have already visited before.



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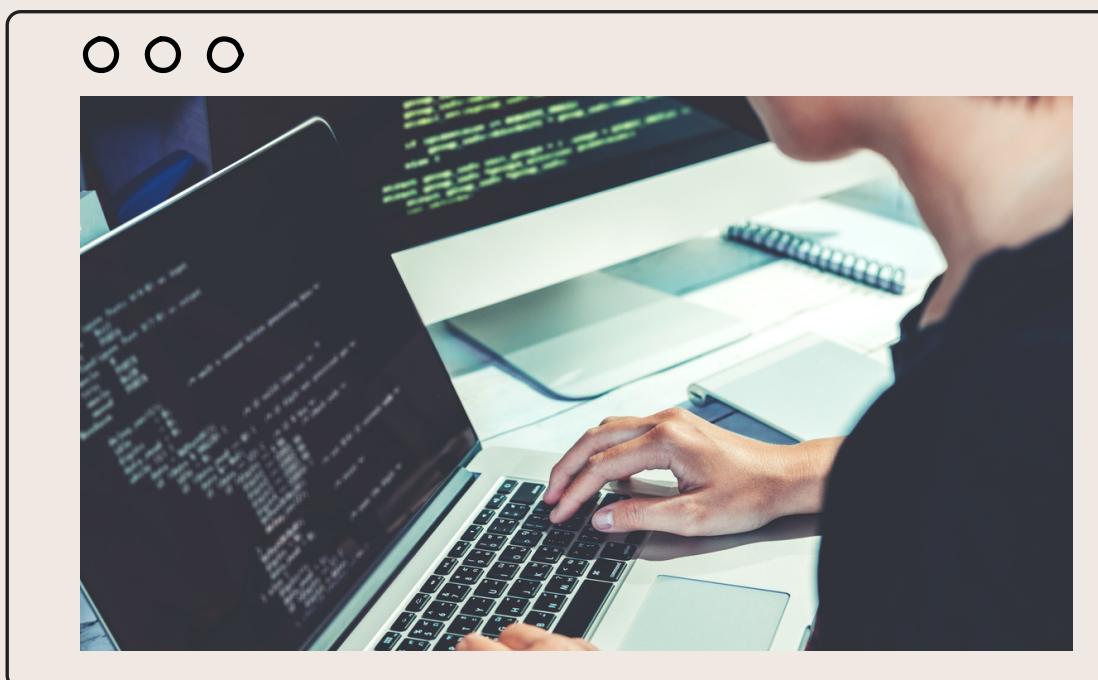
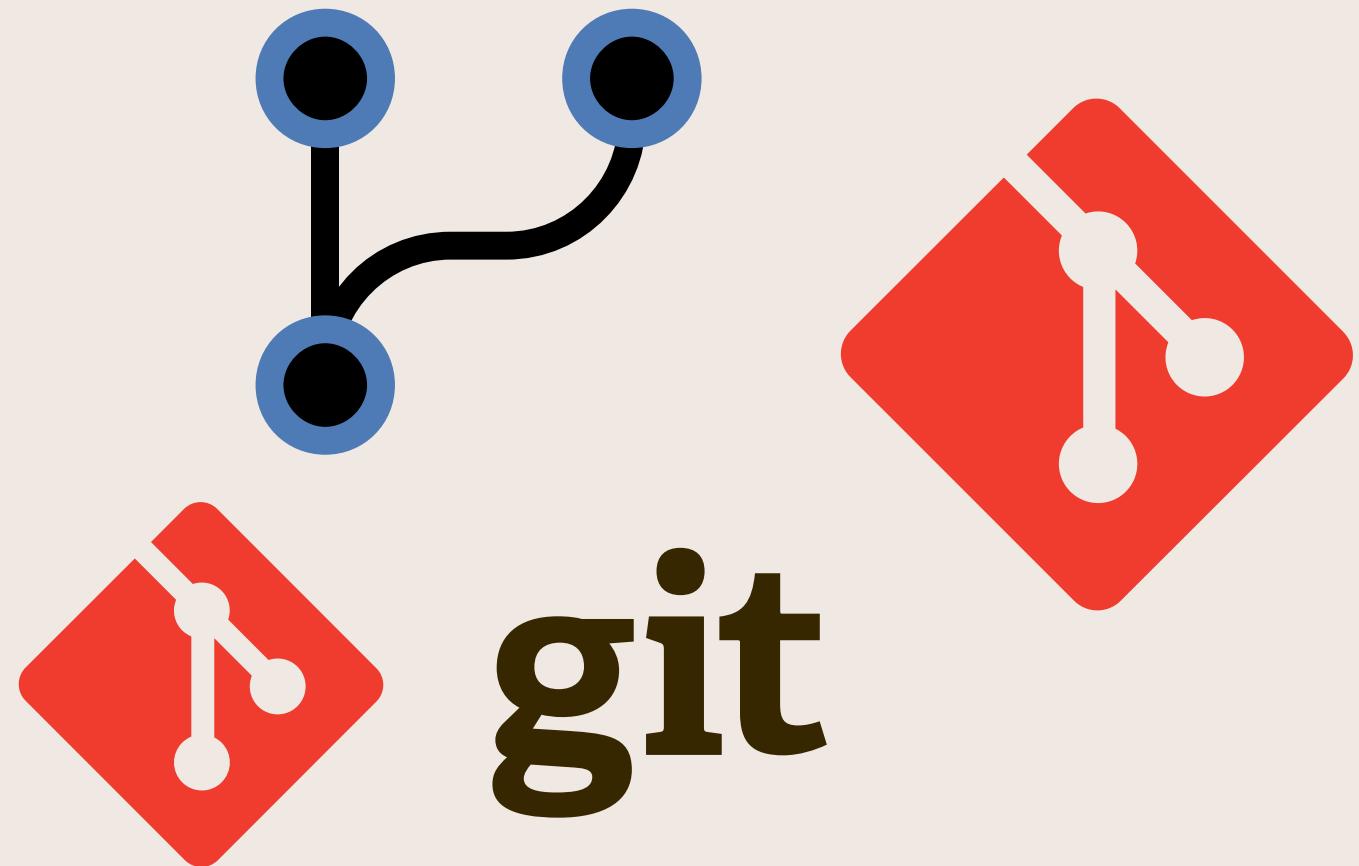
git merge

This command is used to merge two branches together. To do this, enter the branch that you want to inherit the changes. And the branch name you would use along with this command is the branch that will provide the changes.



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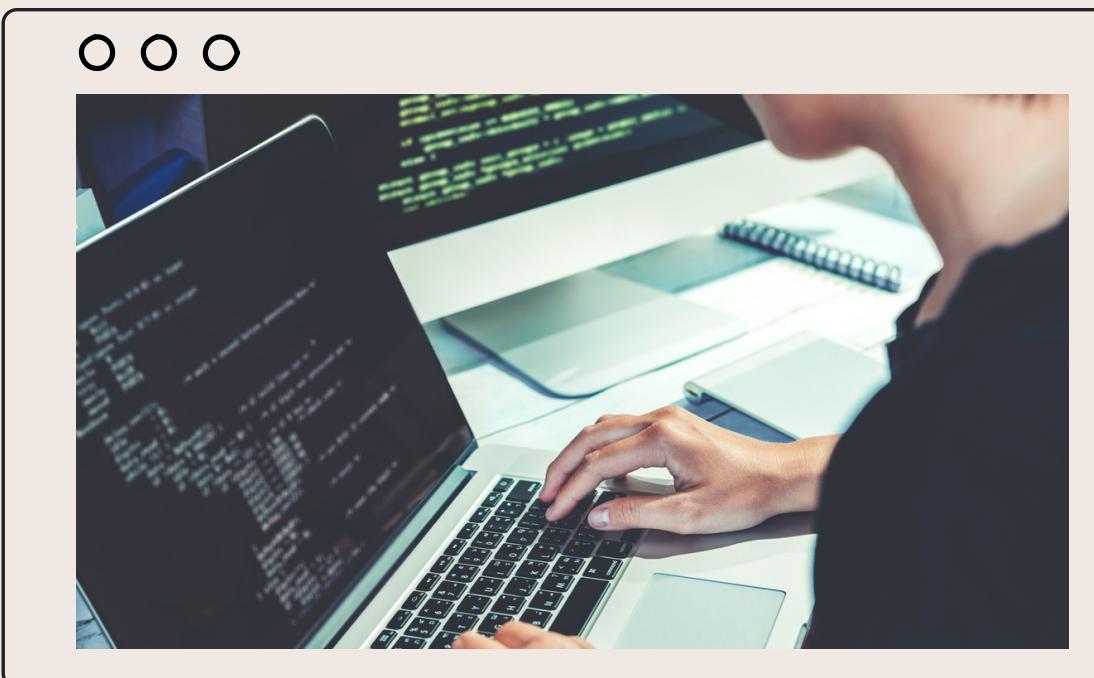
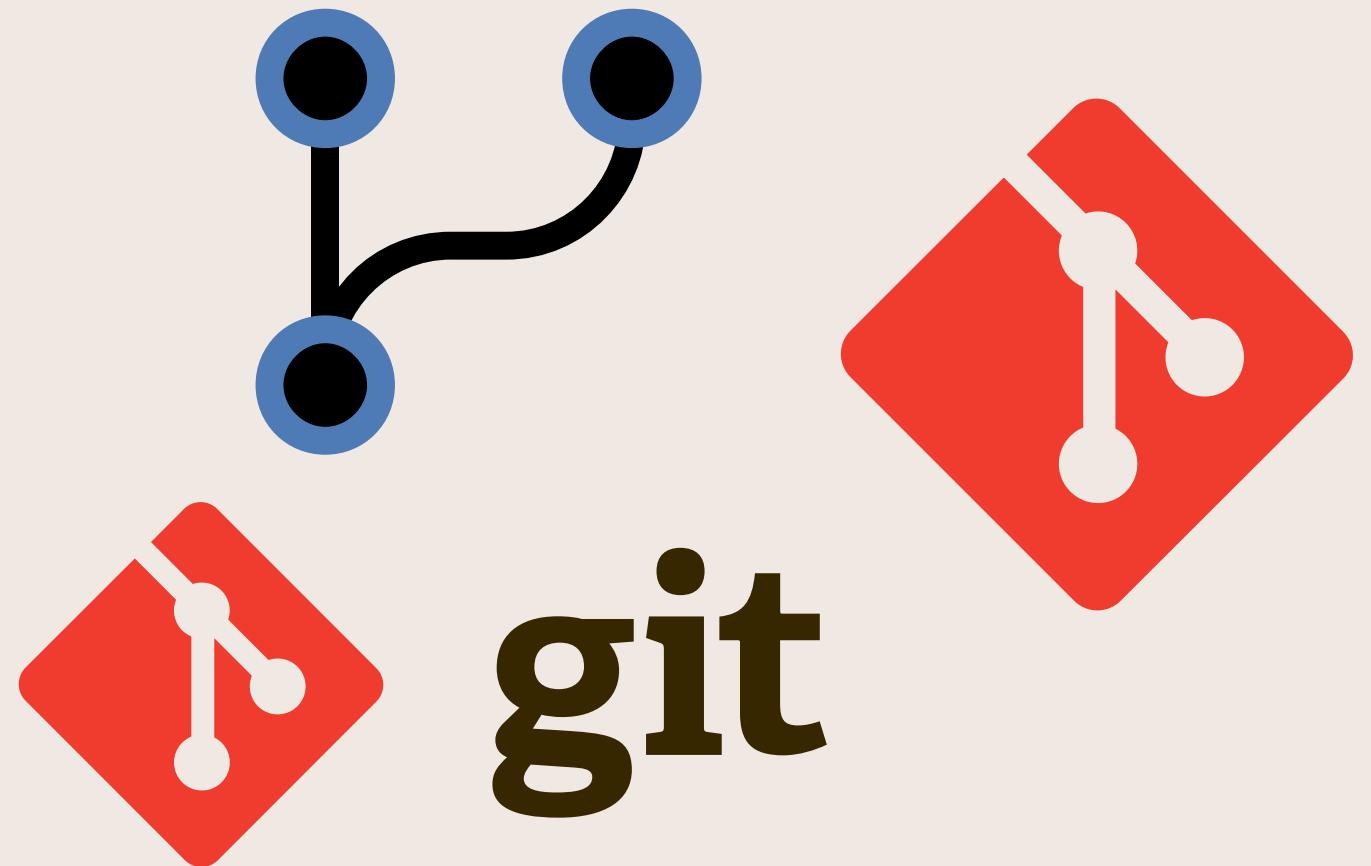
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git reset – hard HEAD

This command will erase all the changes you've made in your local repository and update it to the latest version that was committed to GitHub.

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git clean

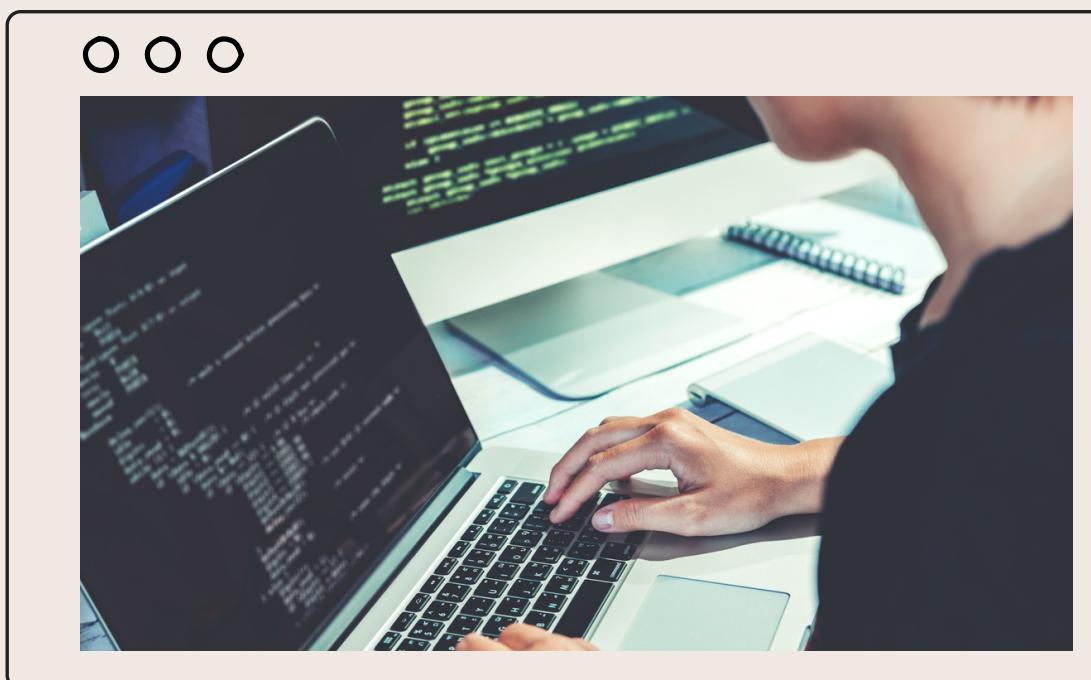
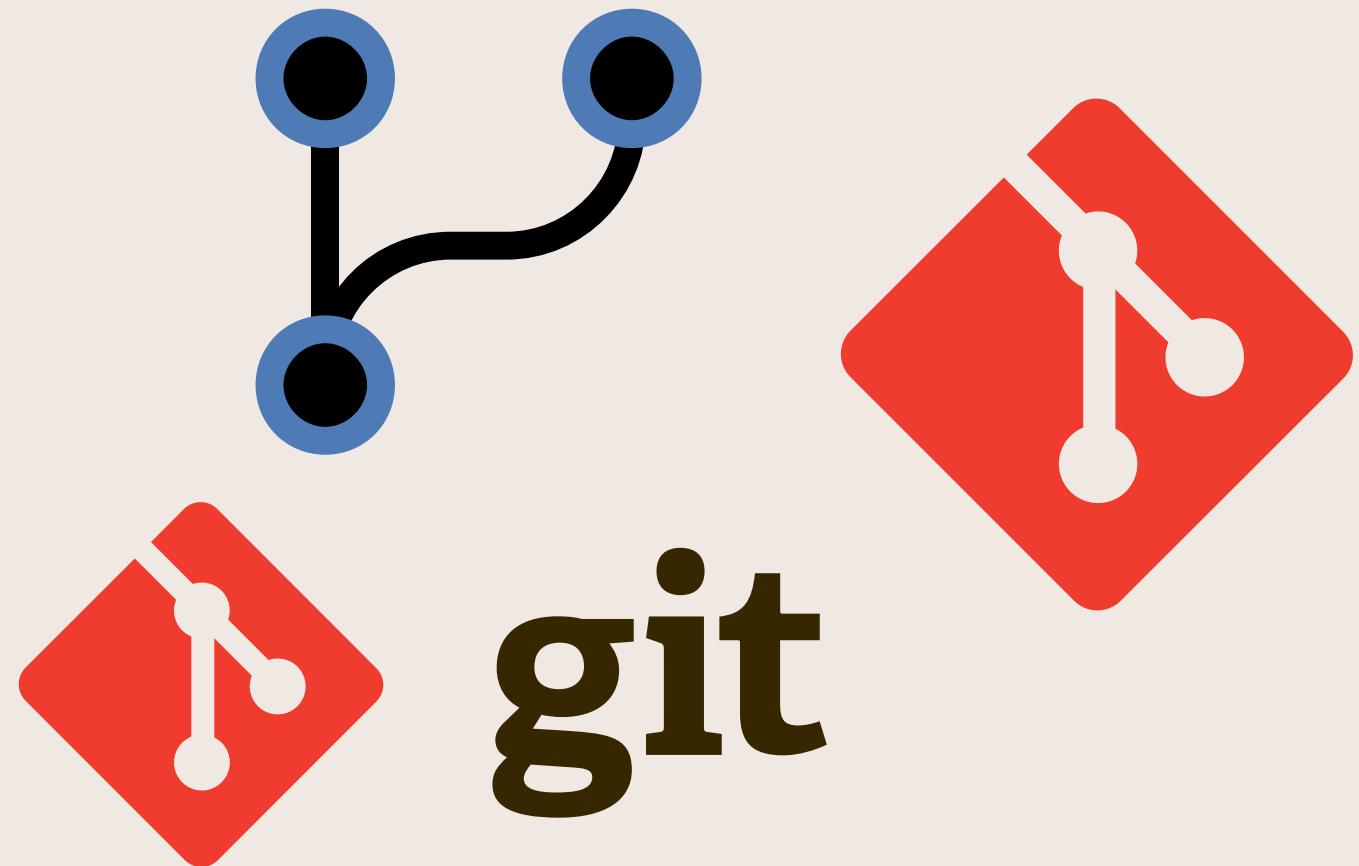
git clean -f

This command is used to delete untracked files in your local repository

git clean -d

This command is used to delete untracked directories in your local repository. You can also combine it into git clean -fd to do both.

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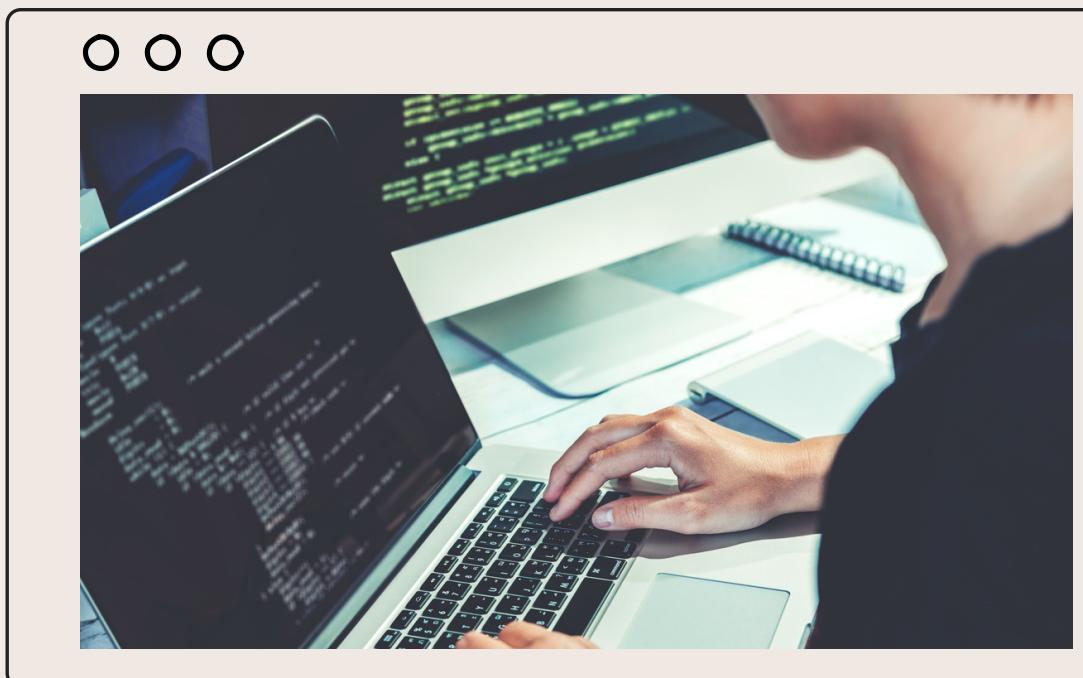
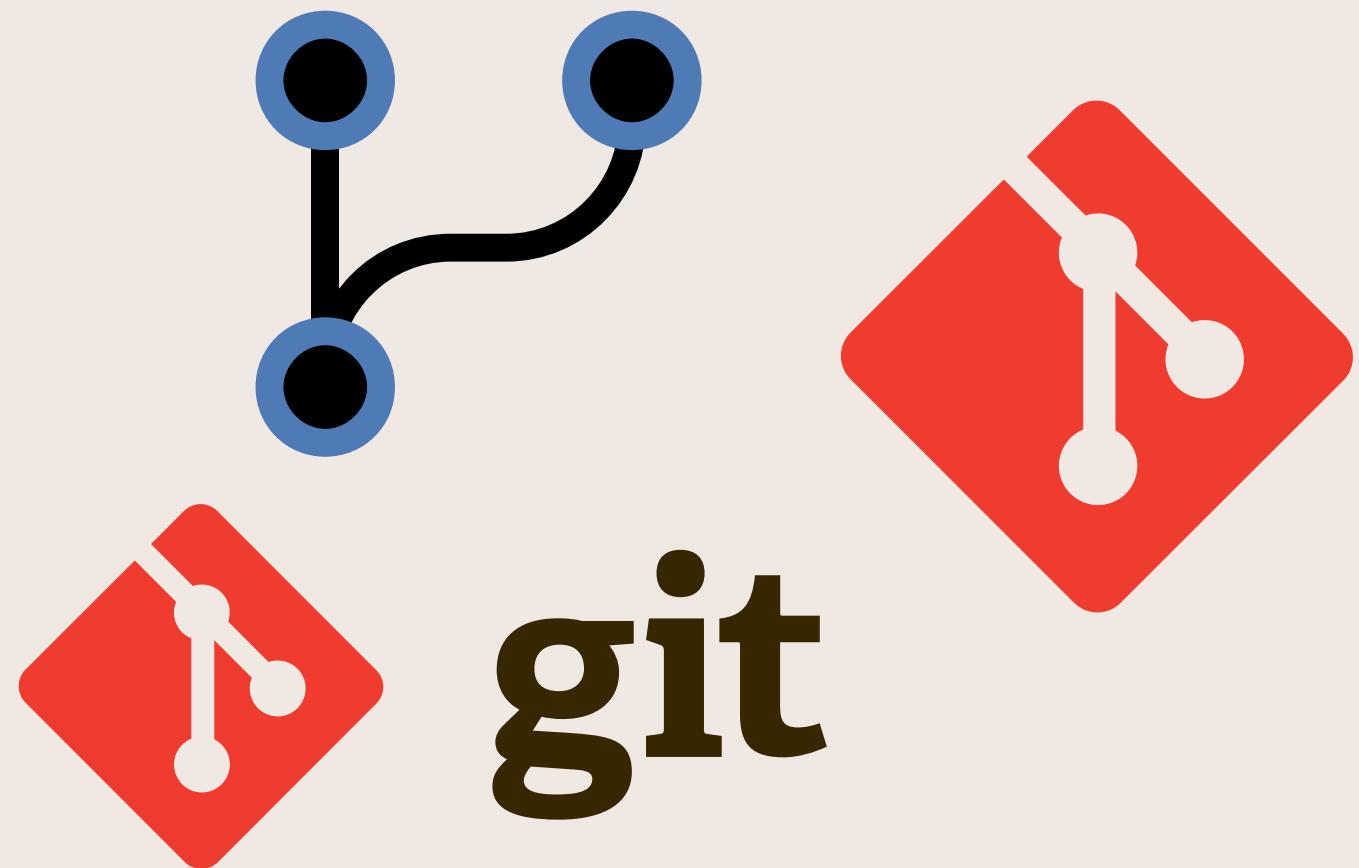


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git bisect

The git bisect command is used to discover the commit that has introduced a bug in the code. It helps track down the commit where the code works and the commit where it does not, hence, tracking down the commit that introduced the bug into the code.

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git reset HEAD^

This command moves the current branch backward by two commits, effectively removing the two snapshots we just created from the project history. It reverts an accidental commit and keeps the changes.

Thank You



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