

GIT FOR DUMMIES

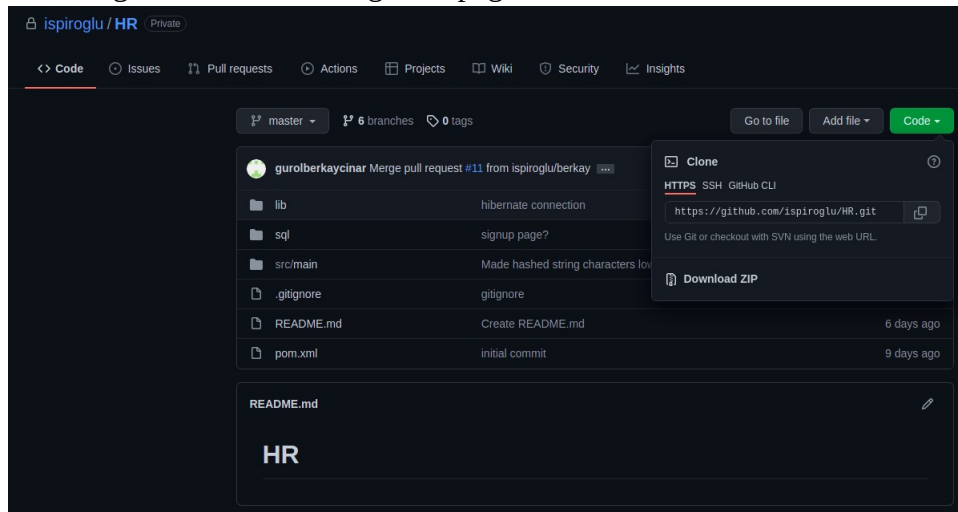
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Cheat Sheet

- **git clone <url>**

Clones a remote repository to your local git at your current directory.
You can get the url from the github page.



Ours is <https://github.com/ispiroglu/HR.git> so use [git clone <https://github.com/ispiroglu/HR.git>]

- **git remote add <name> <url>**

Assigns a repository url to name that you can use in later commands.

- **git status**

Shows which branch you are currently on and shows you if you made any changes.
Staged changes will be shown in green, non staged changes will be shown in red.

- **git checkout <branch>**

Change the local branch you are currently on.

- **git pull <remote>**

Fetches a copy from the remote repo and merges it into your local repo .
Basically updates your local remote to catch up to the remote repo but sometimes there might be some conflicts and I sure don't know how to solve them.

- **git add <file>**

Adds a change to the staging area.

Changes in the staged area will be committed with git commit

You can use [git add .] to stage all changes.

- **git commit -m “<commit message>”**

Commits your staged changes to your local repo.

- **git push <remote> <branch>**

Pushes the specified local branch to the remote repo.

After pushing you should see your changes on github.

Initial Steps

1 -) Store your git credentials on your computer so you don't have to enter them every time you want to access our repo

git config --global credential.helper store

2 -) Clone our repo to your desired folder

git clone <https://github.com/ispiroglu/HR.git>

3 -) Add a remote

git remote add origin <https://github.com/ispiroglu/HR.git>

*From now on whenever you want to access our remote repo use “origin”.

Basic Usage

You want to update your local repo:

`git pull origin`

You want to make changes:

1 -) Make sure you are on your own branch by using `git status`.
If you aren't then use `git checkout`.

2 -) Do your changes.

3 -) Check your changes with `git status`. If the red files are correct add your changes to staged area with `git add`.

4 -) Commit your changes to your local branch with `git commit`.
Explain what you changed shortly in the commit message.

5 -) Push your changes.

Eg. `git push origin mehmet` → pushes the mehmet branch to the remote repo