INSIDE MASTER BRANCH AGAIN !!!!!!

Topics

Setup

Configure (git config)

- Username:
  ```
  git config user.name "Homo Sepian"
  ```
- Email:
  ```
  git config user.email "abcd@xyz.com"
  ```

> This name and email is used to track who has committed which changes.

> Use git config --global *<rest code>* to avoid configuring these for each repository

Cloning

```
git clone <link to repository>
```

Creating

Go inside the project folder then:
```
git init git remote add origin <link to remote repository>
```

Frequently Used Commands

Pushing to remote repository

`git push <link to remote repository>`

> To not remember the link to remote repository, we create a kind of variable to store the remote repository link using:

`git remote add <name of variable> <link to remote repository>`

> Generally <name of variable> is *origin*.

> We can also specify the branch we want to push by adding the branch name at the end of these commands. Eg: `git push origin master`

Miscellaneous Commands

Create branch

`git branch <branch name>`

Switch branch

`git checkout <branch name>`

> To create and checkout the branch, use

> To not specify origin each time, we can use -u option after git push to make it default remote repository to push to. After doing that, from next time, command for pushing just remains: `git push`

`git checkout -b <branch name>`

Go to just previous commit

`git checkout -f`

View commits

`git log`

> To view commits with differences

`git log -p`

> To view *5* commits, use

`git log -p -5`