**Vinicius Covre de Assis - Git, GitHub, Waffle Tutorial**

# Part 1

Ok.

# Part 2

Ok.

# Part 3

GitHub is a version control system that allows you to manage documents over the web. Also known as the “social network of the developers”, GitHub allows you to share and publish code. It was created in 2007 and launched in April 2008 by Tom Preston-Werner, Chris Wanstrath, and PJ Hyett. The reason they created GitHub is that they wanted a standard command-line interface for Git and its commands working on it.

As an example of an alternative platform that “hosts” Git, I mention GitLab or GitBucket. In addition, I would use GitHub because it is a very popular and widely used system in the market, good for having control of my own codes and also projects that I am involved in.

# Part 4a

> git init

$ git status

$ git status

$ git add octocat.txt

$ git status

$ git commit -m "Add cute octocat story"

$ git add '\*.txt'

$ git commit -m 'Add all the octocat txt files'

$ git log

$ git remote add origin <https://github.com/try-git/try_git.git>

$ git push -u origin master

$ git pull origin master

$ git diff HEAD

$ git add octofamily/octodog.txt

$ git diff --staged

$ git reset octofamily/octodog.txt

$ git checkout -- octocat.txt

$ git branch clean\_up

$ git checkout clean\_up

$ git rm '\*.txt'

$ git commit -m "Remove all the cats"

$ git checkout master

$ git merge clean\_up

$ git branch -d clean\_up

$ git push

# Part 4b

Ok.

# Part 5

* *Repository*

The folder where a file is in. In other words, the “address” of a document. Post office where the mailbox is in.

* *Commit*

Adding a message on file(s) that are ready to be published. Putting the seal in the mailbox.

* *Push*

The command to sent the file(s) to be published. Shipping the mailbox.

* *Branch*

Creating a new area where you are going to make some modification in file(s).

* *Fork*

To copy someone’s repository to your GitHub account.

* *Merge*

To link all the modifications you’ve made in another area (folder) to the area you are current in.

* *Clone*

To copy a GitHub repository to your personal computer.

* *Pull*

When you update your file(s) to any modifications that someone has done earlier. Make your doc(s) up to date.

* *Pull request*

Asking for someone to review your code before it is pulled.