GITHUB-Starting with GIT and Branching

This is what I have done so far. Im writing this so you guys can save time and do what I did. Tutorials online are pretty confusing. Im confused as well LOL.

I don’t know how to install git on Windows, just google it.

So first of all, clone the master repository on your pc. Basically you will download the rep.

Be sure you are inside your desktop folder with the terminal, so in Mac OS I have to write cd Desktop. I don’t know how it works on Windows.

**git clone <https://github.com/brodoluca/4th_Semester_Prototype.git>**

After you clone it, you will find the folder on your desktop. Navigate into it.

Create your branch with this command (ws stands for workspace):

**git branch yournamews**

If it’s successful, when you type “**git branch -a**” you should see all of the branches.

Now, switch to your branch with this command (without the <>);

**git checkout <name of the branch>**

You are now on your branch and you can modify it as you want without modifying the master rep.

So I would like do this because in this way everyone can modify whatever the fuck they want and refactor every line of code. If the changes contain a bug or they don’t work, this won’t effect the master repository (which contains all the file that will be on the final project).Think it like this: you have your own personal repository inside our github.

Anyway, after you are in your branch try to create a new file .txt with your name and copy it inside the folder. Now if you type **git status** you should see that you have one file that it hasn’t been committed yet.

Type this command **git add —all**, and later **git commit -m “MY MESSAGE HERE”.** To finally push the change in the rep, do **git push origin <name of my branch>** (no <>).

Check out the GitHub website, you should be able to see a new file there (be sure you are in your branch).

Now, this is how to create a branch. If you do this every time, you will create a new branch and the project will end up having thousands of branches. We don’t want that. So after you finish changing, go to GitHub and delete your branch. Thanks.