Programming fundamentals with Python session 4

Pepe García jgarciah@faculty.ie.edu

2020-10-13

Plan for this session

• learn about git clone

Plan for this session

- learn about git clone
- clone the repository we created through Github Classroom

Plan for this session

- learn about git clone
- clone the repository we created through Github Classroom
- apply git operations we know the newly cloned repository

Async session

In this session we will do an example of what will be a assignment handled through Github and Github Classroom.

We use git clone to clone a git remote repository that doesn't yet exists in our computer into a new folder in our computer.

Consider that **git clone** will create a new working directory within the current folder, and put the local repository inside. I try to have a folder on my computer with all my repositories, in my case is in /Users/pepe/projects.

```
$ pwd
/Users/pepe

$ git clone https://github.com/pepegar/my-first-repository.git
Cloning into 'my-first-repository'...
remote: Enumerating objects: 16, done.
remote: Total 16 (delta 0), reused 0 (delta 0), pack-reused 16
Unpacking objects: 100% (16/16), done.
```

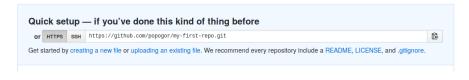
This will clone the repository in /Users/pepe/my-first-repository.

Now that we know how to create a repository, let's do it with the one we created through Github Classroom.

In case you haven't yet accepted the assignment, accept it from this link: https://classroom.github.com/a/csu9qbqV.

You'll need to authorize Github and accept the invitation to the **pfp-2020** class.

This will create a new repository in https://github.com/pfp-2020, find it and get the **HTTPS** clone url for it:



Now copy it, and git clone it!

Create a file called exercise.py

Commit your changes for each of your previous steps.

- Create a file called exercise.py
- Create a function inside the file called **is_even** that receives a number as a parameter returns **True** if the number is even.

Commit your changes for each of your previous steps.

- Create a file called exercise.py
- Create a function inside the file called **is_even** that receives a number as a parameter returns **True** if the number is even.
- Create a function inside the file called is_odd that receives a number as a parameter returns True if the number is odd.

Commit your changes for each of your previous steps.

After doing the previous exercises, you'll need to **push to the repository**. Consider that, when cloning a repository, one doesn't need to setup the **git remote**, because **git clone** does it automatically for us.

References

The Coding Train has a great tutorial series on Youtube about git. The lesson that gets into cloning is this one.

https://www.youtube.com/watch?v=yXT1EIMEkW8