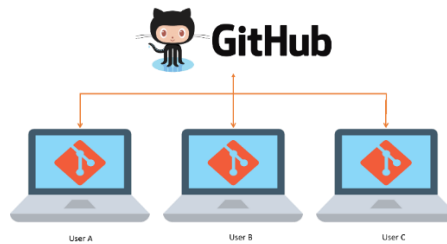


FIRST TIME WITH GIT!!

WHAT IS GIT?

Git is a version control system, that **keeps track of all the minute changes** in your project and allows you to **move back** to a previous version of your files, to revert a file, to compare 2 versions of your files



1- CREATE A GIT HUB AND CLONE IT

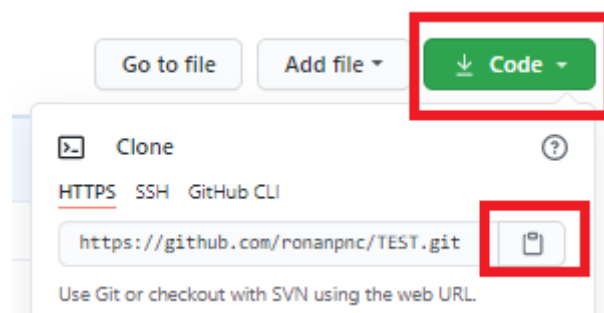


- Login to GITHUB and **create a new repository**
 - o Name convention: <TOPIC> - <PROJECT NAME>
 - o Example: HTML-VC1

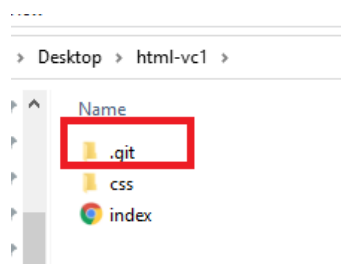
2. Then download this repository to your computer:

```
git clone < GIT URL >
```

- o To check the GIT URL of your repository you can click on code button and copy the HTTPS URL:



3. Now your project is downloaded into your computer:



The .GIT folder means it's a GIT project

2- SET YOUR GIT SETTING

If it's your first time you connect to GITHUB from your computer, you need to set your GIT **email and username**

- 1- Open the command line.
- 2- Set your username:

```
git config --global user.name "ronan ogor"
```

- 3- Set your email address:

```
git config --global user.email "MY_NAME@example.com"
```

Note: your **email MUST be the same** than the one you set in your GITHUB account :

ronan ogor
Your personal account [Switch to another account](#)

- Account settings
- Profile
- Account
- Appearance New
- Account security
- Billing & plans
- Security log
- Security & analysis
- Emails**
- Notifications

Emails

ronan.ogor@passerellesnumeriques.org - Primary ⓘ

- Not visible in emails ⓘ
- Receives notifications ⓘ

Add email address

Email address

Primary email address

Because you have email privacy enabled, ronan.ogor@passerellesnumeriques.org notifications as well as password resets. 67727245+ronanpnc@users.noreply.github.com operations, e.g., edits and merges.

To change an existing file to **GITHUB**, we need to process in 2 steps:

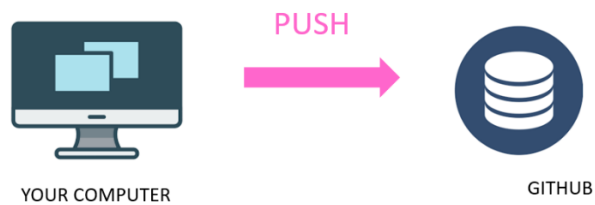
1. **GIT commit**: to add this action (action of changing a file) in the history of changes

4- COMMIT AND PUSH A FILE CHANGE



To **add** or **remove** or **update** a file to **GITHUB**, we need to process in 3 steps:

2. GIT **add**: to add this file to the list of GIT tracked files
3. GIT **commit**: to add this action (*add or remove or update action*)
 - You need to specify the message related to this change
4. GIT **push**: to push the new history of change to the GIT server (the GITHUB server)



LET'S DO IT!

- Open your GIT project on VSCode
- Create a **new file**
 - o Example: index.html
- Add this file to the list of GIT tracked files

```
git add < YOUR FILE >
```

- Commit this change to your GIT on your computer:

```
git commit -m < YOUR MESSAGE >
```

- o Example: `git commit -m "new file added to project"`

- Push your commit to GITHUB

```
git push
```

- Check that your file is now visible on GIT HUB:

