Creating & Using Github Account as Web Server

Instead of using the college server, you can get a **Github** account and use it as your web server.

One of the advantages is that **Github** offers **https** which will be useful many times during our course.

Another advantage is that using **Github** is a nice skill to have when looking for a job as a web developer.
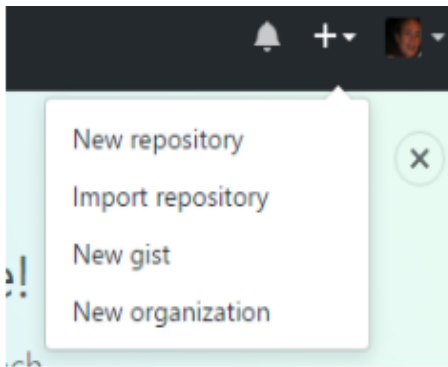
So, here are the basic steps to create a **Github** account and use it as a web server!

1) Create a **Github** account by opening a browser and opening https://github.com/ (Links to an external site.)Links to an external site. (**if you already have an account, then you can skip this step and go directly to step 3**)

2) You will be asked to create a *username*, give your *email address*, and create a *password* (after you sign up, you can add a picture to your profile)

3) After you sign up (create your account), you can login (using the <u>**Signin**</u> link generally found at the top right of the **Github** main page - on the **Signin** page you will give your *username* **OR** *email address* and the password

4) You will need to create a **repository** (it's a kind of folder) where you will upload your files to. There are two ways to create a new repository:

a) Clicking on the **+** icon that you see on the top right of the screen after you login (see the image here showing that icon beside my profile avatar). See that as soon as you click on that **+** icon, the sub menu shows up and one of the items is *New repository* (that's what you will select)

OR

b) Clicking on the green button (down below on the screen) that says New Repository (see the image here - in the case of the image there is a little number 2 because I have already created 2 repositories in my Github

account)

5) After you select one of the options shown above, your will see a box where you will give the name of your repository - read this important message below!!!
IMPORTANT: In order for you to be able to publish html web pages and have Github working as a web server, you need to name this repository as username.github.io (whereusername is YOUR USERNAME, the one you created when you set up your Github account), OTHERWISE, IT WILL NOT WORK!!!

You will type ***username*.*github.io*** (where ***username*** is EXACTLY **YOUR USERNAME**) as shown in the image below and you will also check the box *Initialize this Repository with a README* as shown in the image below with a red circle, and then you will click on the green button that says *Create repository*

Owner   **Repository name**

cdasilvaccsf ▾ / [   ]

Great repository names are short and memorable. Need ins

type here username.github.io

Description (optional)

[   ]

◉ 📖 **Public**
   Anyone can see this repository. You choose who can commit

○ 🔒 **Private**
   You choose who can see and commit to this repository.

☑ **Initialize this repository with a README**
   This will let you immediately clone the repository to your compute

[Add .gitignore: None ▾]   [Add a license: None ▾] ⓘ

[**Create repository**]

6) After you create this new repository, you will see a screen that looks like the one below and you will simply use the **Upload Files** button to upload your files from your computer to your Github account. You will be able to upload more than one file at a time and you will see a button that says **Commit** that you will click to complete the upload

| This repository | Search | Pull requests | Issues | Gist | 🔔 +▾ 👤▾ |

🖥 cdasilvaccsf / **cdasilvaccsf.github.io**   ◉ Unwatch ▾ 1   ★ Star 0   ⑂ Fork 0

◇ Code   ⓘ Issues 0   ⑂ Pull requests 0   🗏 Projects 0   📖 Wiki   ⌁ Pulse   ⮑ Graphs   ⚙ Settings

No description, website, or topics provided.   [Edit]
Add topics

| ⑂ 2 commits | ⑂ 1 branch | ◇ 0 releases | 👥 1 contributor |

[Branch: master ▾] [New pull request]   [Create new file] (Upload files) [Find file] [**Clone or download ▾**]

🖼 cdasilvaccsf committed on GitHub Add files via upload   Latest commit 86420f1 36 minutes ago

📄 README.md   Initial commit   37 minutes ago

7) After you upload, you can open any browser and type **https://username.github.io/page.html** where **username.github.io** is exactly the repository you created and **page.html** is the name of the web page file you uploaded to your Github account. *Of course, if you have an external CSS, or an image, or video, etc. that you are calling from the page, you need to upload those too, right?* Take a look, for example to this simple animation that I uploaded to my Github account - https://cdasilvaccsf.github.io/cssanimation1.html (Links to an external site.)Links to an external site. (there is a reference, inside the HTML document, to the CSS file **cssanimation1.css** which was also uploaded and is in the same folder (root) of the .html file)