Github local and remote repository (html, css, github, visual studio code):

Contents

GitHub Repository (private / public domain name (URL))

01. Install the Git application on your computer (for 64 or 32 bit system types):

https://git-scm.com/download/win

02. Use your Gmail account and Create a github account here https://github.com/

(username and password) create a new repository and name your project. And then press enter or click on the green button named create repository at the end of the window. Copy and save the link similar to `(git remote add origin https://github.com/AyeleBedada/cotmclasspractice.git)` but with differences such as your name and your repository name. You will need this link in the future steps.

03. Windows CMD (start + cmd)

```
git config
git config --global user.name "Ayele Bedada"
git config --global user.email ''eceg.eiabc@gmail.com''
git --list
git config user.email
git config user.name
```

Once you are through this, close your CMD window and go through the following steps:

04. Change your terminal service from power shell to CMD. And add extensions for windows CMD

Go to your visual studio code application and change (toggle to) powershell service to CMD.Install CMD related extensions on your visual studio code by using extension service on the application. And use the visual studio code CMD terminal to use the default windows command prompt integrated on visual studio code terminal instead of the power shell.

05. Local repository preparation:

To commit for the first time from visual studio code:

- Open your project folder in visual studio code and mind the folder and its sub folders and files are opened in the visual studio explorer panel
- Press on the visual studio code source control or version control service and select the initialize new repository prompt.
- At the top section of the same panel press on (…) views ad more actions icon and proceed with the following steps:

(a1) Changes + stage all

(b1) Commit + commit all (At this step the application will prompt you to put in a comment and do as such in the box indicated).

(c1) If you will be making any changes in your project folder and related files you will need to update your changes by using the views ad more actions icon (…): Changes +stag all changes ; commit + Commit all

Now you have prepared your local project repository folder that has .git folder. Just in case you did not turn on the view hidden files and folders options, in your file explorer, you need to turn it on to view it.

06. Remote repository:

In order to push your project to remote repository, you need to use the repository link you got on step 02. To do this go to view menu + terminal and your terminal window will open at the lower

part of the visual studio application. Paste the link in the terminal window of your visual studio code application and press enter.

(a2) Now you can go to the version control or source control service of your visual studio code application and by making use of the (…) views add more actions icon and select pull/push + push to. Now you will get to notice that the repository url you passed in to visual studio code's terminal will be an option you can select from the subsequent prompt and you have to select it. Place in usernames and password you used in creating your account on github to proceed up on prompt.

(b2) wait until this is finished and go to your github page and refresh the window and you shall see the project and file folders are loaded in to your repository.

(c2) after this, go to the setting gear or (…) icon on the top menu of the github window and press it. After that scroll down until you will find the 'github pages' section and under it change the source setting from 'none' to 'master' and press the save button next to it.

(d2) scroll down and find under the same section 'github pages' information about the url for your published project. It can be something like: Your site is ready to be published at https://ayele-arch.github.io/checking-some-procidures/. This link can be your private or public URL of your project based on your setting.

07. Future changes you will make on your project

Changes you will make in the future should be incorporated by repeating the steps from (a1) on words.

If you are working with through integrating PowerShell with your visual studio code terminal, you may stick to the entirety of the lecture note mentioned above (03_6_VS Code_Visual Studio Code lecture note) and the tutorial video shared.

For your further information: https://code.visualstudio.com/docs/editor/versioncontrol