Github & Version Control - Basics

Overview

Being familiar with Github is absolutely critical if you are planning on working as a programmer.

Github is a well known company, that allows us to use their servers to store our code. Basically it works the same as 'Google Drive', just for code.
Then once having our code in Github's cloud, it is safe from being corrupted, or deleted from our local machine.

Then, as a Ninja Developer, our main mission is to keep the 'existing working code' safe. Github allows us to use 'Git' commands to keep our code controlled and managed. In this section we are going to learn about:

Creating a new account on Github,
Then, create a new repository on Github, and upload your existing project

1. Navigate to https://github.com/ and create a new Github account

2. Verify the account, by clicking on the link you got from Github to your email

3. Download 'Github Desktop' into your computer & Install
    https://desktop.github.com/

4. Sign-in with a GitHub account into 'Github Desktop' (File-Options)

5. Create a new repository of a project - point out where your project is located

6. Push the created repository to Github cloud using the top toolbar

7. Change some code in PyCharm and see the effect in 'Github Desktop'

8. Commit & push the changes to Github while you are on 'Main branch'