**GitHub Overview**

What is GitHub?

* “The world’s leading software development platform”
* Allows users to store, track, share, publish code and everything in between

Setup

* Sign up - [GitHub: Where the world builds software · GitHub](https://github.com/) – need username, password, email
* Select a few account preferences/personal info and complete account setup

Basic GitHub vocab

* Repository – holds code files, data, and other documents, typically has a specific purpose or is related to a single project
* Clone – allows you to initialize a repository on your device
* Commit – set of changes that you communicate to your repository
* Push – publishes your commit
* Add – adds files to your commit
* Pull – updates your local code based on new changes in the repository
* Branch – independent segment of repository

Let’s try it out!

* Create a new repository
* Add relevant name -> optional description -> public -> create
* Open your new repository -> green code button -> copy link by clicking clipboard
* Open up VSCode terminal or command line and type “git clone [REPO LINK]”
* Create a new code file, add main and basic code
* Add file to commit using terminal and VSCode
* Commit with a message
* Push
* Check your repository on GitHub to see changes

More very helpful info here: [Hello World · GitHub Guides](https://guides.github.com/activities/hello-world/)