GitHub

Recap

- **Loops**
  - C# examples with Debugger

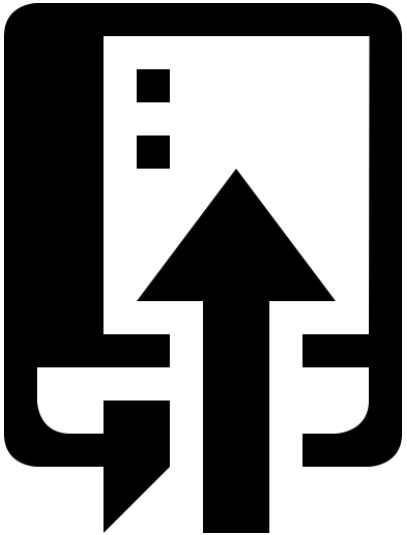
Git

- **Git** is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.
  - What is an Open-Source
  - Pull-Requests
  - Repository
  - Collaborators
  - Issues
  - Ex of using libraries

- **Git** was **created** by **Linus Torvalds** in 2005 for development of the **Linux** kernel, with other kernel developers contributing to its initial development.

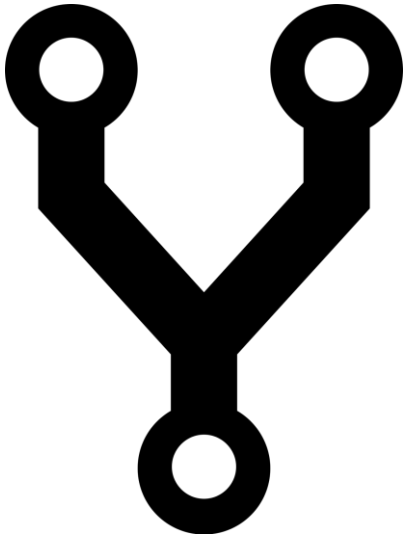
Repo and CMD

- **Private vs. Public**
- Settings of a Repo
- README
- Git Bash
  - Let’s Create our first Repo
- CMD importance
  - Cd, pwd, ls, mkdir, touch, vim, clear,



Git Init

- git init, (.git folder is hidden)
- git status,
- git add file/directory (a.k.a staging)
- git status
- git diff <filename>
- git commit –m “message”
- git add --all (git add . / git add *.html)
- git commit –a -m “message”
- git log
- touch .gitignore



Git with GitHub

- git clone
- git remote (-v)
- git fetch origin VS. git pull origin
- git commit
- git push origin master
- git revert
- git reset
- Rollback

Good Practises

- Frequencies of Commits
- Description
- Runnable Code
- Merge Conflicts Resolutions

Time to Setup your GitHubs

- REGISTER!
- GitHub Classroom

Homework

- Command Line Prompt: https://www.codecademy.com/learn/learn-the-command-line
- Git: https://www.codecademy.com/learn/learn-git
    - It's okay not to finish it all, but as much as possible and get to the end eventually