

# Set up Directories

workspace/csc5093/module1 thru module 8

Cd csc5093

# Setup account in github.com

# Create an empty repository - naming convention - csc5093\_firstName\_lastName

Mark the repository **PRIVATE** - no one else can see it except your included collaborators

Under settings select collaborators (add People) and include your professor (**jhebelerDS**)

#install git - already in Mac and Linux OS but not Windows

In browser to to <https://git-scm.com/download/win>

Download the 64-bit Git for Windows Setup.

Open the file to install git

# setup local git repository

# Tell git who you are

\$ git config --global user.name "[firstname lastname]"

\$ git config --global user.name "John Hebeler"

\$ git config --global user.email "[valid-email]"

\$ git config --global user.email "john\_hebeler@pba.edu"

# Get the portfolio structure

In browser paste the location of the files

<https://github.com/jhebelerDS/csc5093DefaultPortfolio/archive/refs/heads/main.zip>

# Make workspace directory

\$ mkdir workspace

\$ cd workspace

# Use the file browser to unzip into your workspace directory

# Set up the local repository

\$ git init

# Identify files for future saving into the local repository

\$ git add .

# Save the file in the local repository

\$ git commit -m "first commit"

# Connect to remote repository made above

# Sync code with remote repository

\$ git remote add origin git@github.com:<gitusername>/<repositoryname>.git

\$ git push --set-upstream origin main

\$ git push

Will fail - must generate a public/private key for authentication

```
$ ssh-keygen -t ed25519 -C john\_hebeler@pba.com
```

```
$ cd .ssh
```

```
$ start-ssh-agent
```

```
$ type id_ed25519.pub
```

<COPY THE OUTPUT OF THIS>

# Go to your gethub account

# Select settings in upper right after you login

# Select SSH and GPG keys

# Select "New SSH key"

Paste your key

# Now push will work to upload all the files to your repository

```
$ git push
```

# Go to your repository and see that files are all there