

## Homework on Git

### Installation requirements

Anaconda

<https://www.anaconda.com/download/>

.NET framework

<https://www.microsoft.com/net/download/dotnet-framework-runtime>

Gitextensions

<https://gitextensions.github.io/>

Github Account

Linux:

<https://github.com/gitextensions/gitextensions/wiki/How-To:-run-Git-Extensions-on-Linux>

<https://github.com/gitextensions/gitextensions/releases>

Windows only

.NET framework

<https://www.microsoft.com/net/download/dotnet-framework-runtime>

Create github account

Create ssh keys to use on github

Very first run, setup your name and email for git on your system

```
$ git config --global user.name "[name]"
```

Sets the name you want attached to your commit transactions

```
$ git config --global user.email "[email address]"
```

Sets the email you want attached to your commit transactions

Clone the gitclassroom repo to your local drive

```
$ git clone http://gitclassroom/yourname/
```

Checkout your local copy to a branch named something meaningful for the thing you are working on. Ie. homework1

```
$ git checkout -b homework1
```

(this both creates a new branch and immediately checks out this branch to your local copy)

Make all the changes that accomplish your task at hand. Ie. work on the scripts until it works as you want. Once you have all the changes completed and ready to merge back into github.

Push your changes to github (you must be on a branch other than master)

```
$ git push origin
```

Login to the github page, your repo. Create an issue, appropriate for the assignment (ie. homework1).

Create a pull request to merge your newly pushed up branch into the master