1. Download you assignment from the following GitHub repository
2. Go to the website for Git documentation: <https://git-scm.com/> , if you are using a Windows machine you will see the instructions for Git here:
   1. Windows - <https://git-scm.com/download/win>
   2. Mac download - <https://git-scm.com/download/mac>
3. Download and install Github desktop on your laptop: <https://desktop.github.com/>
4. Create a repository called MyRepo and publish it
5. Create a branch called TestBranch
6. Save the answers to the document and push the test branch to your repository
7. Add a README file to let the instructors know what you did

Use the following videos to answer the following questions:

<https://www.youtube.com/watch?v=vR-y_2zWrIE&list=PLWKjhJtqVAbkFiqHnNaxpOPhh9tSWMXIF&index=1>

1. What is Git and what does it do?

It is open-source software that uses version control to manage a variety of files/data types. Git allows a user to undo a change with ease and stores previous versions of files.

1. How is GitHub different from Git?

GitHub interacts with Git, to provide all the benefits Git has but in an easier-to-use package. Also allows users to collaborate with each other.

1. What is a branch? Why is it useful?

A Branch is a copy of the “Master” file. It allows for safer changes without affecting the current master version.

1. What is a commit?

A commit is the collection of changes that you made in the branch.

1. What is a pull request?

A pull requests shows the commits created in the branch and the differences between the branch and the master.

1. What is a fork? How would you find this to be useful?

A fork is a copy of a repository but is saved under your own git account. It is useful if you need to edit a repository that you do not have control over.

1. How do you clone a repository

Cloning a repository is when you save the remote version of the repository to your local device.

1. How do you resolve merge conflicts?

You just must look for merge conflict markers inside of the code. After you locate the merge conflict markers, you choose which version of the code to use and delete the merge conflict markers.