**Exercise on GitHub and Git**

In the project, we will be using GitHub for assignment submissions and code versioning.

The goal of this exercise is to get you started with Git and GitHub. Even if you are using Git and GitHub regularly, you need to do this exercise and submit it. If you already did it, you need to create the required repository and fill out the required documents.

Please follow the instructions completely. Work that does not follow the instructions (including naming conventions) will NOT be accepted and will result in a grade of 0.

**Part 1:**

Create a GitHub account (if you do not have one)

<https://github.com/bhattavi>

**Part 2:**

Install Git bash <http://git-scm.com/downloads> and browse the documentation. On Mac, Git is already installed.

**Part 3:**

Answer the following questions.

What is GitHub?

GitHub is a web service platform that utilizes git to provide version control and source code management. It also provides a suite of tools for issue tracking, wikis, forking, and merging code.

When was it created? Why? By who?

GitHub was developed by Chris Wanstrath, PJ Hyett, Tom Preston-Werner, and Scott Chacon.

The service was first released in 2008, while GitHub as a company has existed since 2007. Git was developed by Linus Torvalds for managing Linux kernel developments in 2005 but, repositories were stored locally. GitHub repositories are hosted on the web which provides a safer option if the local machine crashes.

What similar platforms exist? Why would you use such a platform? (Paragraph between 4 and 10 lines)

GitLab and BitBucket are similar platforms to Github. Bitbucket supports Mercurial and Git for version control while GitLab supports Git for version control. You would use such platforms to remotely store your code, maintain version control, collaborate on a project with other developers, etc.

Answer these questions in a Word file called *LastnameFirstnameGitTutorial-mm-dd-yyyy.docx*. Please respect the naming conventions!

**Part 4:**

While there is a GUI to use Git and GitHub, developers use the command line!

Push the Word file in **YOUR** GitHub account in a repository called ***CS3876232020***. Please respect the naming conventions! You will be use this repository for the project. Your repository will be accessible at: https://github.com/yourpseudo/CS3876232019.

<https://github.com/bhattavi/CS3876232020>

**Part 5:**

Add an issue with title “GitHub training” in your repository. Issues are used for tasks and bug reports.

<https://github.com/aa69940n/CS6232019/issues>

**Part 6:**

Edit the main page of the wiki in your repository. Add the title “Database Project” to the page.

You can also override Readme.md to document your work.

<https://github.com/bhattavi/CS3876232020/wiki/Database-Project>