Git Setup Instructions

Git Installation

Download and install git from https://git-scm.com/downloads: If prompted for settings in the installation process, I recommend in particular the following settings: (1) Default editor: Visual Studio Code, (2) Initial branch name: "main", (3) Credential helper: Git Credential Manager. Otherwise you may go with the default settings.

Mac users: you can choose among the different installation options described on the git download page. In particular, you may install **Homebrew** first, and then use homebrew to install git (`brew install git`). Homebrew is a package manager that simplifies the installation of software on MacOS.

Git configuration

Open the terminal and check your current configurations:

```
git config --list
```

Configure git using the following commands

```
# Set your name and email address
git config --global user.name "Your Name"
git config --global user.email "your@email.address"
```

Optionally, if not already set, you may further add/change the following settings (you may already implicitly set these aspects during the installation process):

```
# Set the default branch name to "main"
git config --global init.defaultBranch main

# Use Visual Studio Code as the default editor
git config --global core.editor "code --wait"

# Use Git Credential Manager to manage credentials when interacting with Github
git config --global credential.helper manager
```

Github account

Create a GitHub account, using the same email address that you specified in the git configuration.