

# GoCode Prework

## Week 6

Hello GoCode Students, welcome to the GoCode prework week 6. The tutorials below will help you get a basic proficiency with Git and understanding the basics of version control.

Git is used by most tech companies as their source control system and it is really important that you have mastery of this topic by the end of the course. Think of source control as an ability to keep track of all your changes to a document throughout time.

We do not expect you to understand all of Git in the pre-work - just get accustomed to the idea of version control and some basic syntax. No need to worry if Git confuses you a bit - it is super complex!

### 1) Git (5-10 hours)

1. Install git for mac: <http://git-scm.com/download/mac>
2. Create a Github account: <https://github.com/>
3. Understand what version control is by reading the following:  
<http://skillcrush.com/2013/02/11/versioncontrol/>
4. Try Github's challenges: <https://try.github.io/levels/1/challenges/1>
5. Take a quick scan through Git Cheat sheet a great resource sheet for common commands:  
[https://na1.salesforce.com/help/pdfs/en/salesforce\\_git\\_developer\\_cheatsheet.pdf](https://na1.salesforce.com/help/pdfs/en/salesforce_git_developer_cheatsheet.pdf)

We will go through Git/Github in detail during the course, but it's a good idea for you to

get a rough feel for what version control is about and the basic syntax of Git. You will master Git/Github during the on-the-ground group and individual projects. Don't worry if you're a little confused, Git is a very complex tool.

**Assess yourself:**

- \* Explain to a friend what Git and Github are, and why you would use version control in software development

- \* Create a repository for a project on Github (consider using the html/css files you created in week 2)

- \* Make edits to your code locally and commit the changes using:

  - `git init`

  - `git add -A`

  - `git commit -m 'first commit'`