

# Project Setup

## 1 Project setup

This document consists of setup that you will need to complete again for each assignment in the course.

### 1.1 Getting started

1. Open the description of the assignment that you are working on
2. Click on the assignment link (e.g. <https://classroom.github.com/a/<assignment ID>>)
3. (For your first assignment, you will have to give permission to classroom.github to access your github account)
4. After github has created your version of the assignment, follow the link to your project

At this point, you have a private working copy of the project code, which only you and I have access to.

### 1.2 Importing project

1. In Github, go to your assignment project
2. Click on the green 'Clone or download' button and copy the link that looks something like <https://github.com/witcomp2000/comp2000-a1-usernameatwit.git>
3. In Eclipse, go to **File**→**Import**...
4. In the **Import** menu, drill down the **Git** directory and select **Projects from Git**. Click **Next** >
5. Select **Clone URI** and click **Next** >
6. In the **URI** field, paste the HTTPS link that you copied from github
7. Enter your username and personal access token in the appropriate fields and click **Next** > (if you haven't set up a personal access token yet, check the one-time setup for directions)
8. A selected **main** option should appear once Eclipse connects to github. Click **Next** > until you can click **Finish**

At this point, you should have the assignment available in your Eclipse workspace. You can examine the supplied files from the Package Explorer window in Eclipse.

### 1.3 Completing project

Refer to the assignment specification on the witcompscsci website for the programming part of the project.

### 1.4 Exporting project

Once you have completed your code (or you have updated it since last pushing it to github), follow these steps to make sure that I can access your most recent code:

1. Right click on your project → **Team** → **Commit**...
2. In the **Git Staging** window that opens, drag all of the files you want to upload from **Unstaged Changes** to **Staged Changes**
3. Write a human-readable commit message briefly describing what changes you've made

4. Click **Commit and Push...** to push the changes to github. Check that you get a confirmation that the files were successfully pushed

Once you have pushed your code, I have access to it and I can download and grade it. I look at the date of the most recent changes in github to determine timeliness of your assignment, so make sure go through these last steps before the due date. You can check that your recent commit is accessible on your github page.

**Note:** I rarely check the commit messages so if you have some important information for me, send me an email instead.