

# Lab 11: Version Control

## Overview

The objective of this lab is to understand the purpose and usefulness of version control. We will practice functions of version control systems to develop familiarity in them.

## Specification

### Version Control

- 1) Resources to learn Git: <https://try.github.io>
- 2) Install Git for your OS if necessary. (You can download Git here: <https://git-scm.com/downloads>)
- 3) Create a GitHub educational account: <https://education.github.com/pack/join>
- 4) Create an empty repository on GitHub (no license, README, or other files)
- 5) Add, commit, and push your old lab (or other code) to the GitHub repository (hint: clone first!)
- 6) Make a change to your old lab file (add a comment, for example) and push this change to GitHub.
- 7) Add your lab instructor as a collaborator on your repository.
- 8) Show your lab instructor your completed repository.

If you are unfamiliar with the command line, read this guide (for Mac, Linux, and Git-Bash on Windows):  
<http://www.ee.surrey.ac.uk/Teaching/Unix/>

## Submissions

**Campus** – Your GitHub repository can be demonstrated in person (for check-off) or can be posted later to your GitHub account.

**Online** – Your GitHub repository will be checked on GitHub to verify completion.