

# Lab 06: Software Engineering

## Overview

The objective of this lab is to understand the purpose and usefulness of version control.

## Specification

### Version Control

- 1) Install Git for your OS if necessary. (You can download Git here: <https://git-scm.com/downloads>)
- 2) Create a GitHub educational account: <https://education.github.com/pack/join>
- 3) Create an empty repository on GitHub (no license, README, or other files)
- 4) Add, commit, and push a file that contains a Java program that adds two numbers to the GitHub repository (hint: clone first!)
- 5) Make a change to your pushed add program to allow it to subtract numbers. Now commit and push this change to GitHub.
- 6) Upload a link to the public repo.

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

**Submit a link to the public repo you created.**