# Edit

# Homework: Source Control Systems

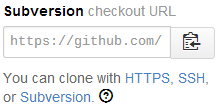
This document defines homework assignments from the [“Teamwork and Personal Skills“ Course @ SoftUni](https://softuni.bg/courses/teamwork-and-personal-skills/). Please submit as homework your **developer account at GitHub**.

## Create Your Own GitHub Developer Profile

Register for a free **developer account at GitHub**: <http://github.com>. Submit your developer profile's URL as output of this homework.

<https://github.com/dianaangelova/>

## Upload a Few Projects at GitHub

**Upload a few of your projects at GitHub**. This could be your homework exercises for the last few courses, your teamwork projects or any other projects that you might want to share with the developer community.

## Install Subversion Client

Install a **Subversion client** (SVN client). In Linux and Mac use the console-based client (svn) or any other you might find useful. In Windows use TortoiseSVN – <http://tortoisesvn.net/downloads.html>.

## Play with SVN

**Checkout** some of your GitHub repositories through the SVN client. You might find the Subversion URL of your repository at the bottom right corner at GitHub. Make some **changes** and **commit** them to GitHub from the SVN.

## Install Git Client (Console-Based)

Install a **Git client** (console-based). In Windows use msysGit – <http://msysgit.github.io>. In Linux install Git through your package manager (apt-get / rpm / yum).

Optionally install a Git GUI Client:

* GitHub for Windows – <https://windows.github.com/>;
* TortoiseGit – <https://code.google.com/p/tortoisegit/wiki/Download>.

## Play with Git

**Clone** some of your GitHub repositories through the Git client. Make some **changes** and **commit** them locally, then **push** them to GitHub.

## Merge Conflicting Changes

**Clone** some of your GitHub repositories **two times** in different local directories (git clone). Make some **conflicting changes** in the both local repositories (e.g. add something at the end of some text file). **Commit** the changes in the first local repository (git add . followed by git commit), then **push** them to GitHub (git push). Try the same with the second repository. You will need to **merge** the conflicting changes (git pull), them commit and push again.