Return answer document in a week to Moodle.

**Links:** [**Git book**](http://git-scm.com/book/en/)

## **Exercise 1 Merge**

* + Create a repository **labs2**
  + Add a text file with content:

The student is able to write solution algorithms for the given problem

with the chosen programming language. The student is able to identify

the typical phases and activities in the software development process.

The student knows the high level differences of the most common processes.

The student recognizes the need and use of different tools during software development.

* + - Create branch b1
    - Change to branch b1
    - Add word **Line 1** in end of line1
    - Add and commit
    - Change to master branch
    - Add word **Line 5** in end of line 5
    - merge b1 to master
    - Check that both changes are in master branch file
    - Delete branch b1

## **Exercise 2 Merge and conflict**

* Use same repository and file as in exercise 1
* Create branch b2
  + - Change to branch b2
    - Add a new line with text ‘Software Development’ as 1st line
    - Add and commit
    - Change to master branch
    - Add a new line with text ‘SW Development’ as 1st line
    - merge b2 to master
    - Git shows **conflict** 🡪 Resolve
    - Add + commit
    - Delete branch b2
    - Check master file content