

# CommonUtils

## Assignment Overview

CommonUtils is a library with different utility methods used by different programs. The project comes with two source files, *CommonUtils.java* which is the main source file and *CommonUtilsTest.java* which contains the unit tests for the project.

This is an Eclipse project and can be imported into the workspace by using the import wizard, which can be found under **File -> Import...** After launching the wizard select **General -> Existing Project into Workspace** to start importing the project. When the project has been imported the tests can be run by right clicking on the *CommonUtilsTest.java* file and then selecting **Run As -> JUnit Test**.

## Assignment Instructions

Your task is to improve the tests of the library as well as finding and resolving bugs.

The solutions to the tests has the following requirements:

- Solutions to the bugs should be added into a copy of the *CommonUtils.java* with the name *CommonUtilsSolutions.java*.
- Additions to the test shall either be added to a copy of the *CommonUtilsTest.java* file named *CommonUtilsTestNew.java*. The tests can also be split up into separate Java files if necessary.
- Both the *CommonUtilsSolution.java*, *CommonUtilsTestNew.java* as well as any other source files should be able to compile and run.

We will evaluate the following:

- Improvements made on the tests.
- The bugs that were found.
- The procedure (test plan) that was followed.
- The solutions on how to solve the bugs that were found.