

## **IDK2015 Object-oriented programming**

### **Lab Assignment 1**

In this assignment, you will create a project that defines a class, creates objects of this class and tests the code in main method.

1. Create a class called Box that defines width, height, depth, color (blue, green, black, etc.), material (can be plastic, paper, etc), reusability (boolean type variable isReusable).
2. Create a test class (separate class containing main method) to create a Box object.
3. In your Box class, create 2 custom constructors, setter and getter methods, override toString() method.
4. Create several Box object in your test class, create an array, add Box objects into array, test your Box class code in a loop.

**Submit your archived project or 2 java files via [ained.ttu.ee](mailto:ained.ttu.ee) by September, 25th.**