

Lab Report

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In this lab practice I worked through exercise-00. The exercise included mostly getting familiar with the working environment of the computer lab.

I looked up which browsers are installed (Google Chrome, Mozilla Firefox) and also how to print (<http://oceprint.htw-berlin.de/>, USB drive (more reliable)). Furthermore how to do take a screenshot (the snipping tool) and save a pdf (LibreOffice). Then I (manually) located the path of the Java Development Kit (32bit Java 1.8.0_51, 64bit Java 1.7.0_55); the installed Java Runtime Environment version is 1.8.0_60.

Greenfoot was already installed, so I had no further work to do installing it.

I downloaded and opened the first Greenfoot scenario. I tested how Kara interacts with the different objects. My result are as follows:

- Kara pushes mushrooms
- Kara can't collide with trees
- Kara can't push a mushroom into a tree
- Kara can walk through a different Kara

I then modified the walk function, so that Kara cannot longer walk into other Karas. I also wrote code that creates a border of trees around the world at startup.