CSC123 Laboratory Assignment #0
Lab Basics

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1 Objective

The purpose of this lab is to check that your computer account was setup correctly, that you can access the software needed for this course, and follow a quick Greenfoot[1] tutorial.

2 Resources

2.1 Computer Science Labs

Our lab session will take place in 14-255. This room is heavily scheduled and rarely available for open student use. The Computer Science Open Access Lab is in 14-235. You can use this lab throughout the day to continue working on your lab assignments and final game project. You'll have the exact same Windows environment in 14-235 as in 14-255.

If you have questions about the lab (like hours of operation) or have some technical problem you need help with you should first look at the CSC Lab Wiki located here: https://wiki.csc.calpoly.edu/labs. The "FAQ" section is especially helpful.

2.2 Greenfoot

We'll be writing games in Java using Greenfoot. Greenfoot provides a very friendly integrated developement environment (IDE) complete with useful system messages, visual feedback, and "click and drag" operations. The website "greenfoot.org" contains helpful resources, code examples, and tutorials. Greenfoot is free and available for many different operating systems. I recommend that you download it and start playing with it asap.

3 First Login

Use your my.calpoly.edu login and password to login to our lab machines.

If you have any problems, please see me.

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[1] www.greenfoot.org

3.1 Dual booting machines

We dual boot our lab machines.[2] This means our CSC machines are capable of either running Windows or Linux. In our class, we will be using Windows. If the workstation you are using is currently running Linux, you'll need to restart the machine and boot into Windows. Please ask the course instructor or TA if you need help with this.

4 Greenfoot

4.1 Start the program

Typical Windows stuff:

1. Click the "Start" button

2. Go to "All Programs"

3. Find "Greenfoot" and click it.

4.2 Short Tutorial

Do this online tutorial: http://www.greenfoot.org/doc/tut-1 (Part 1)

Note: After opening the Wombat Scenario, save a copy of it to your desktop and use this copy to complete the tutorial. Your computer account will not have permission to edit the copy that was included in the installation of Greenfoot.

Deliverables

I will come by and visually check that you were able to login fine, start Greenfoot, and complete the tutorial at the end of lab on January 5.

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[2]To learn more about dual booting, read: https://en.wikipedia.org/wiki/Multi-booting.