

CIS 163 Lab 01

Linux/EOS/IntelliJ Introduction

Objectives

After completing this lab, you should be able to:

- Use IntelliJ for your IDE, create projects, packages and classes
- Print to the EOS Printer
- Use IntelliJ's Debugger and fix a program
- Run your Java program in IntelliJ

Lab Steps:

1. Login to your Linux account and play around.
 - You should already have had an account or received your password recently via email.
 - If you do not recall having an account and did not receive an email, let your instructor know.
 - If you do not know your password, please email Lawrence O'Boyle (oboylela@gvsu.edu)
 - Try to find how to see your files, open programs, etc.
2. IntelliJ demonstration
3. Lab Tasks
 - Open IntelliJ
 - Click on Learn IntelliJ IDEA and walk through the tutorial (this will help you learn keyboard shortcuts). You don't need to memorize all of these, but this is to help you have some idea of what IntelliJ can do and make you aware of what keyboard shortcuts exist.
 - Create a project and package and copy in the code on github
 - Fix the bugs in the code so it runs and passes the tests
 - Start prepping for Project 1
 - Download the project description and materials from github
 - Read the project description
 - Familiarize yourself with the provided code
4. Additional Tasks (time dependent):
 - Install Java and IntelliJ on your personal laptop (if you have it with you).
 - Try Using X2Go to connect remotely to the lab
 - <https://www.cis.gvsu.edu/ciscomputinglabs/remote-connections/>