# CMSC 132 Week 1 Lab #1

## Notes for TAs

* 1. We do not use CS Department the laptop carts. If a student does not have a laptop, pair up students.
  2. These notes are for you (do not display them nor make them available online).
  3. Make sure that you access the lab material days before the lab (do not wait until the day before as CS servers may be down).
  4. If you see any errors in the material provided, let us know immediately.

## Lecture (Intro)

1. Tell students your name and a little bit about yourself and about the structure of the course. If they ask a question about something you don't know, tell them to ask again in lecture.
2. Please ENCOURAGE students to bring laptops to class and lab. Please tell them that if they have their own laptop, it would be a big help for them to bring it to the lab sessions -- we will have frequent coding exercises that students will work on during the lab.
3. Give students 5 minutes so they can introduce each other.

## Eclipse

1. Ask students that have not used Eclipse before to pair up with a student.
2. **Project Layouts**
   1. Explain the two approaches to create projects in Eclipse after reaching the New Java Project window through **File→New→Project→Java Project**
      1. With a Project layout where you use the project folder as root for sources and class files (first option in **Project layout** section).
      2. With a Project layout with separate source and output folders.
   2. Show students how we can create a project using both of the options mentioned in a. and indicate we will use the second choice.
   3. Show students how to configure the default for project creation so that separate source and output folders are created for new projects.
   4. Create a simple class and show how to run it.
3. **Exporting/Importing jar files**
   1. Show students how to import zip files by importing the lab examples you will find in the Labs section of the class web page. To import a zip file select:

File→Import→General→Existing Projects into Workspace→Select archive File

* 1. Show students how to export a project as a zip file. To export to a zip file select:

File→Export→General→Archive File

## Review

Using the code available at:

<http://www.cs.umd.edu/class/fall2018/cmsc132/labs/Week1/Review.zip>

go over the classes associated with the packages example1 and example2. This is a review of concepts students should already know. Feel free to spend as much time as you think is needed.

## In-Lab Office Hours

Use any time left to hold office hours.