Documents in this folder:

- Hello.java

- Hello.c

- Hello.py

- Hello2.py

- CodingExample.java

Discussion:

1. There are undoubtedly students who are familiar with SOME programming language, who may have already completed Engineering Computation (C), Foundations of Computing (Python) or other courses; ask the class what experience they have with coding when you start. I've included a number of files you can use to compare Java with C and Python (both scripted and object oriented) to show students similarities (for example, functions in C ~= methods in Java) and differences (for example, Python can be incredibly straightforward, but a bit more work is needed for the same output in Java).

2. Direct students to the "CodingExample.java" file, where I've written two versions of the same Java code, one that is well-written and commented, the other is... not. My hope is that students will experience (at least a bit) of the terror and heartache that we feel when marking their code, and get them started early on good coding conventions. I'll make it available on the LMS under Week 1's workshop code.

Demo:

1. Guide students through using Eclipse (make sure the projectors are on!). Show them how to locate it on the lab computers, program "Hello World" with them, and use "Hello.java" to explain a bit more about the different parts of Java code.

Workshop Notes:

1. Feel free to spend a bit more time on discussion for Week 1, 15-20 minutes is okay as you will probably have some very confused/terrified students.

2. Make sure to inform the class the first assessed lab is available, and they have more than two weeks to complete it. We'll go through submit with them in Week 2 or 3 (probably 2 as there will be some students who finish it quickly).