

Lab5: Create a github repo called 'Lab5' which will be pulled on the due date of 4/20. This is a Dynamic Web Eclipse Java project. This is an individual effort.

In this lab you will create a unit conversion service as a standalone SOAP server. Create a standard Java project in Eclipse and use the **wsimport** tool to generate client class files. Those files will be used in a Java client to interact with the service. The client will be a standard Java project using command line input.

- 1.) Client accepts commands in the form "[amount] [unit] ? [unit]" so for instance someone can enter "12 in ? cm" to convert 12 inches to centimeters. You only need to support the following conversions.
 - a.) In <-> ft, in <-> cm (inches, feet, centimeters)
 - b.) ft <-> m, ft <-> mi (feet, miles)
 - c.) mi <-> km, (miles, kilometers)
 - d.) days<->months, weeks <-> years
- 2.) The server will compute the previously mentioned conversions and send back results which the client outputs to the screen. This should run on localhost port 8888.