**Eclipse and JUnit Tutorial**

This tutorial will teach you how to create a Java project in Eclipse and how to add JUnit tests.

**Create a Java Project:**

* Click on “File” -> “New” -> “Java Project”
* Type in “Project name” and select “Create separate folders for sources and class files”, then click “Next”
* Click “Finish”

**Create a Java Class:**

* Right click on the newly created project and select “New” -> “Package”
* Type in “Name” for the package (e.g. edu.umd.fcmd.enpm614)
* Click “Finish”
* Right click on the newly created package and select “New” -> “Class”
* Type in “Name” for the class
* Click “Finish”

**Create a JUnit Test:**

* Right click on the package and select “New” -> “Others…” -> “Java” -> “JUnit” -> “JUnit Test Case”
* Select “New JUnit 4 test”
* Type in “Name” for the JUnit Test (Use the name of your Java Class + “Test”)
* Select “setUp()” and “tearDown()”
* “Browse…” for your Java Class as “Class under test”
* Click “Finish”
* Allow Eclipse to add JUnit 4 to the build path

**Run the JUnit Test Suite:**

* Right click the project or package and selection “Run As” -> “JUnit Test”
* Review the JUnit test report