JUnit Testing – Lab Worksheet

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_**

**Test for mystery1:**

**What types are the method parameters for mystery1? What is the method return type?**

**Read the comment. What is the mystery1 method supposed to do?**

**Are there any initial conditions required for the test? How would you set up these initial conditions?**

**What actions do you need to carry out in your test? What method calls do you need to make?**

**What are the expected results of carrying out your actions? What assertions can you make? Make sure to include at least 10 assertions.**

**Run the test. What are the test results? Which assertions failed?**

**What conclusions can you make about the method? What might cause a bug in this method? Is it entirely bug-free? If your test failed, why did it fail? What evidence supports your conclusion?**

**Test for mystery2:**

**What types are the method parameters for mystery2? What is the method return type?**

**Read the comment. What is the mystery2 method supposed to do?**

**Are there any initial conditions required for the test? How would you set up these initial conditions?**

**What actions do you need to carry out in your test? What method calls do you need to make?**

**What are the expected results of carrying out your actions? What assertions can you make? Make sure to include at least 10 assertions.**

**Run the test. What are the test results? Which assertions failed?**

**What conclusions can you make about the method? What might cause a bug in this method? Is it entirely bug-free? If your test failed, why did it fail? What evidence supports your conclusion?**

**Remember to include your JUnit test files!** (Put them in this same folder and make sure they are included in your pull request.)