

CS 621

Homework 2

Bug Repair

This assignment will be performed during a 2-hour, one-on-one debugging session. Your only task right now is to sign up for a 2-hour appointment here: <https://calendly.com/heladawy/621-hw2>

You need to sign up by Thursday, March 9, 2023, 9:00 AM EST. The sessions themselves will take place between Monday, March 6, 2023 and Tuesday, March 28, 2023.

Be sure you write down in your own calendar the time slot you sign up for.

During the session, you will arrive at room 316 in the CS building at least 5 minutes prior to your scheduled appointment. You do not need to bring anything. You will be given access to a computer and asked to perform several programming tasks. After everyone has completed this homework, we will discuss, in class, what you used in solving the programming tasks and what we learned from this homework.

Goals

In this assignment, you will be presented with a Java project inside an Eclipse environment. Some of the tests will be failing and you will be asked to fix the bugs causing these test failures. For some of the projects, you'll be given some suggested possible ways of fixing the bugs. Your job will be to figure out how to repair the bugs.

Grading

Repairing defects in code written by other people can be challenging. While the overall goal is to fix as many of the bugs as you can, you'll be graded on trying your best and using the resources available to you, not on how many bugs you are able to fix.

The entire session will be recorded to facilitate grading and also to support research into how developers debug.