Debugging Quiz/Exercise

Description

On Wednesday, Oct 2 (in lab / discussion session) we will have a lab quiz where a TA will sit with you and verify you know how to use the Eclipse debugger. We will provide at least two programs and you need to identify the problems associated with them.   You will have about 5-6 minutes to figure out the problems. **The good faith attempt applies to this quiz (you may not ignore this quiz).** This quiz will take place in lab and not in lecture. After you take the quiz please do not discuss anything about it as we have several sections taking the quiz.

Using a debugger, you should be able to:

1. How to set line numbers by right-clicking on the left column of the code page.
2. Setting breakpoints.
3. Stepping into and stepping over a function.
4. Displaying variable values.
5. Continue program execution after a breakpoint.
6. Printing the stack of the current method.
7. Switching stacks.

You should not be concerned about failing the class due to this quiz. Notice we will have several TAs that day in each lab session.

Resources

1. **Debugger Lecture Video – (starting at 34:00)**

    https://umd.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=fbd4d4b1-936a-49bd-94c0-aacc01702ff2

2. **Code Used in Debugger Lecture Video**

    http://www.cs.umd.edu/class/fall2019/cmsc132/quizzes/DebuggerExampleCode.zip

3. http://www.vogella.com/tutorials/EclipseDebugging/article.html