

# Lab Report 2

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## Reflection:

After setting a breakpoint on line 21 of the ConditionalBreakPoint.java file, I clicked on the Debug icon and line 21 was highlighted blue by the compiler. The execution of the code was suspended at the beginning of the main function. After adding a Step Over command. I rerun the debugger and the flow transferred to the string array on line 17.

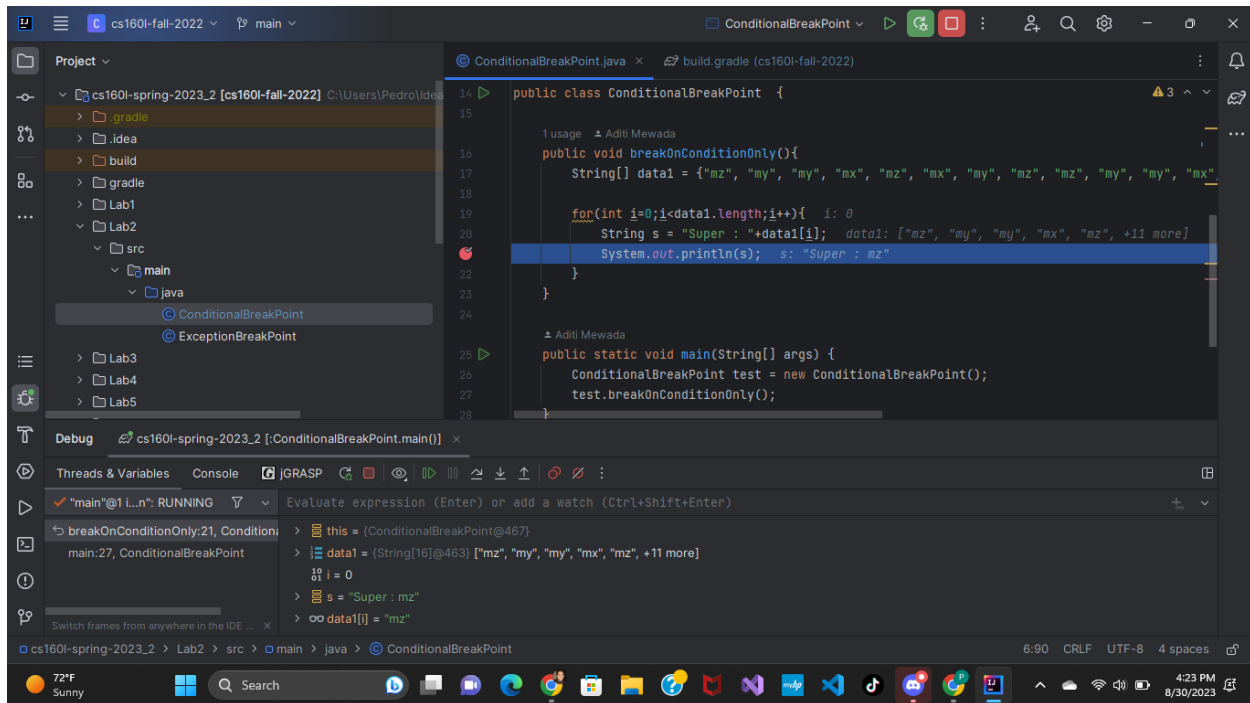
Next, I moved to the ConditionalBreakPoint class and set another breakpoint to line 20. I then right-clicked on the line 20 breakpoint and typed **data1[i].equals("mz");** into the condition box. From there, I clicked on the View Breakpoints icon and added **ArrayIndexOutOfBoundsException** to the Java Exception Breakpoint. Screenshots were taken of each event and attached to this lab report for review.

## My answers:

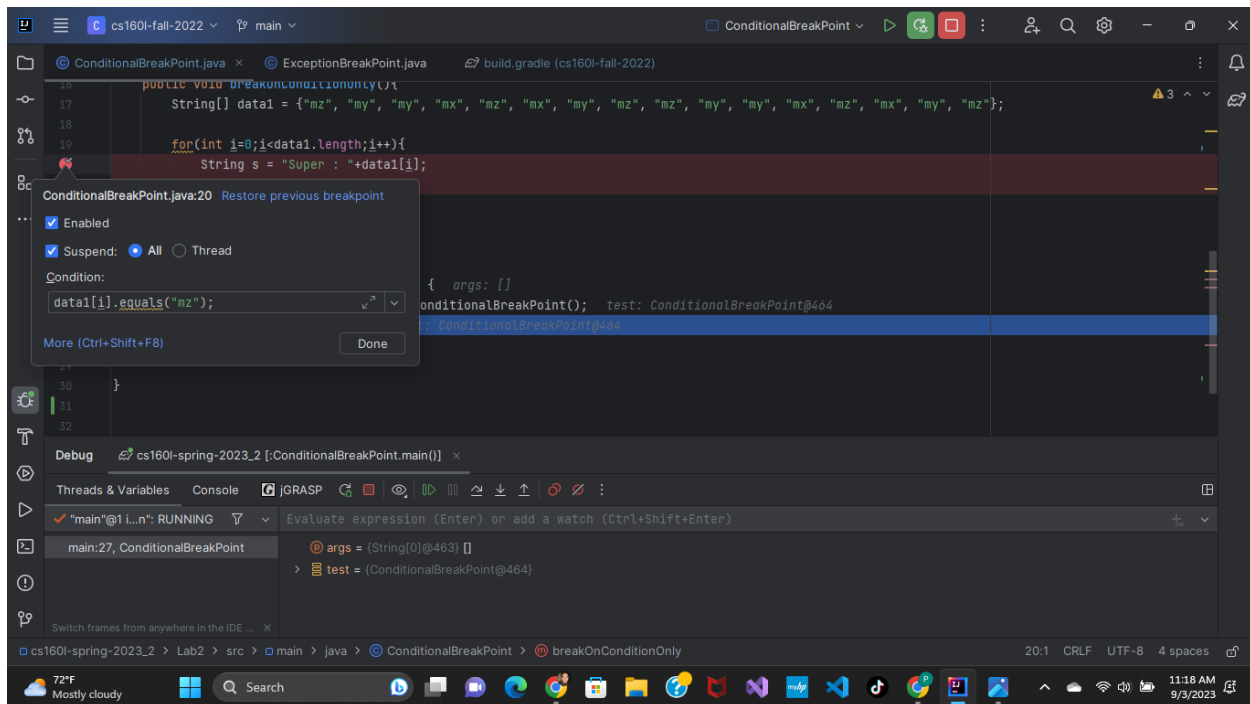
In computer software engineering, *Debugging* is the process of finding and resolving errors within computer code that prevent the correct operation from compiling in a system. This method is fundamental any test environment as it detects anomalies and assesses the impact of your authored code.

Screenshots:

## Breaking Point



## Setting Condition



## Exception Breaking Point

