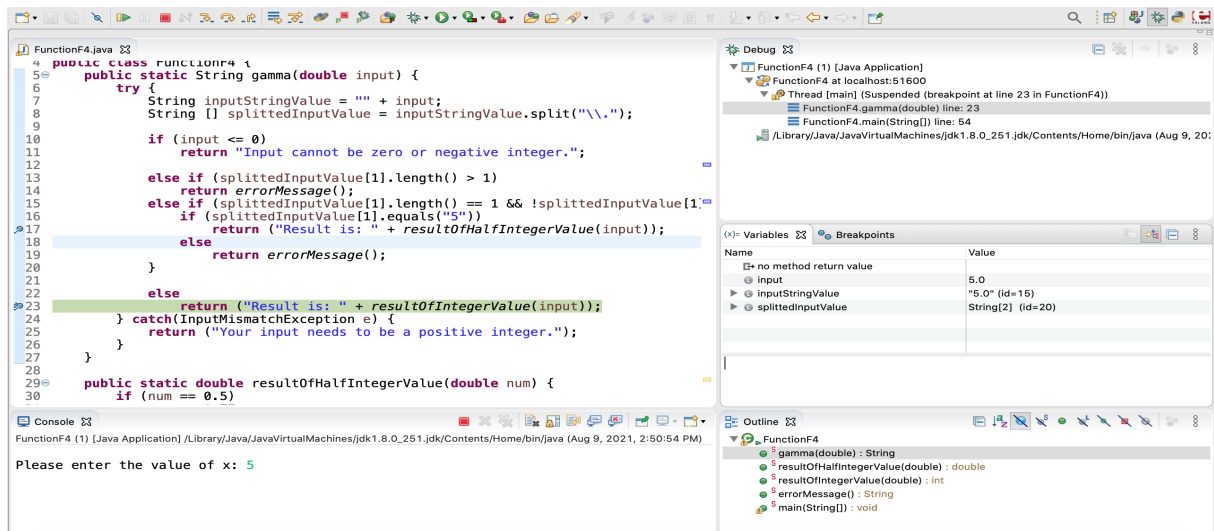


Problem 4: Debugger

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1 Eclipse Debugger

Eclipse allows us to start a Java program in Debug mode. So, I am using the inbuilt Eclipse debugger for debugging my code. I have chosen Eclipse debugger mainly for two reasons. First, it is free and open source. Second, because of its familiarity as I have been using Eclipse IDE for a very long time.



1.1 Advantages

- It is free and open source.
- It is easy to use – setting breakpoints, executing code line by line, and inspecting the value of variables and expressions.
- It also supports other programming languages than Java for investigating and fixing problems with the code.

1.2 Disadvantages

- It is usually slower than other debuggers like Visual Studio.
- The independent processes cannot be attached to the eclipse debugger to debug.