PRESENTED BY

Riya Chandrakantbhai Bhimani

Email : riyabhimani.me@gmail.com

Project-1 : Calculator Built In Java

- **Abstract :**

- This project presents the development of a simple, user-friendly **Calculator** application built using **Java**. The calculator is designed to perform basic arithmetic operations, including addition, subtraction, multiplication, and division, with an intuitive graphical user interface (GUI) created using **Swing**. The objective of the project is to provide users with a functional calculator that emulates the behavior of a standard physical calculator, allowing for real-time calculation inputs and results display.

Project-1 : Calculator Built In Java

- **Introduction:**
- Calculators are essential tools for performing mathematical operations, ranging from simple arithmetic to complex equations. This project aims to create a basic calculator application that allows users to execute simple calculations easily. Java, a widely-used programming language, is chosen for this project due to its platform independence and robust libraries for GUI development. The application will focus on providing a smooth user experience while ensuring that all calculations are accurate and efficient

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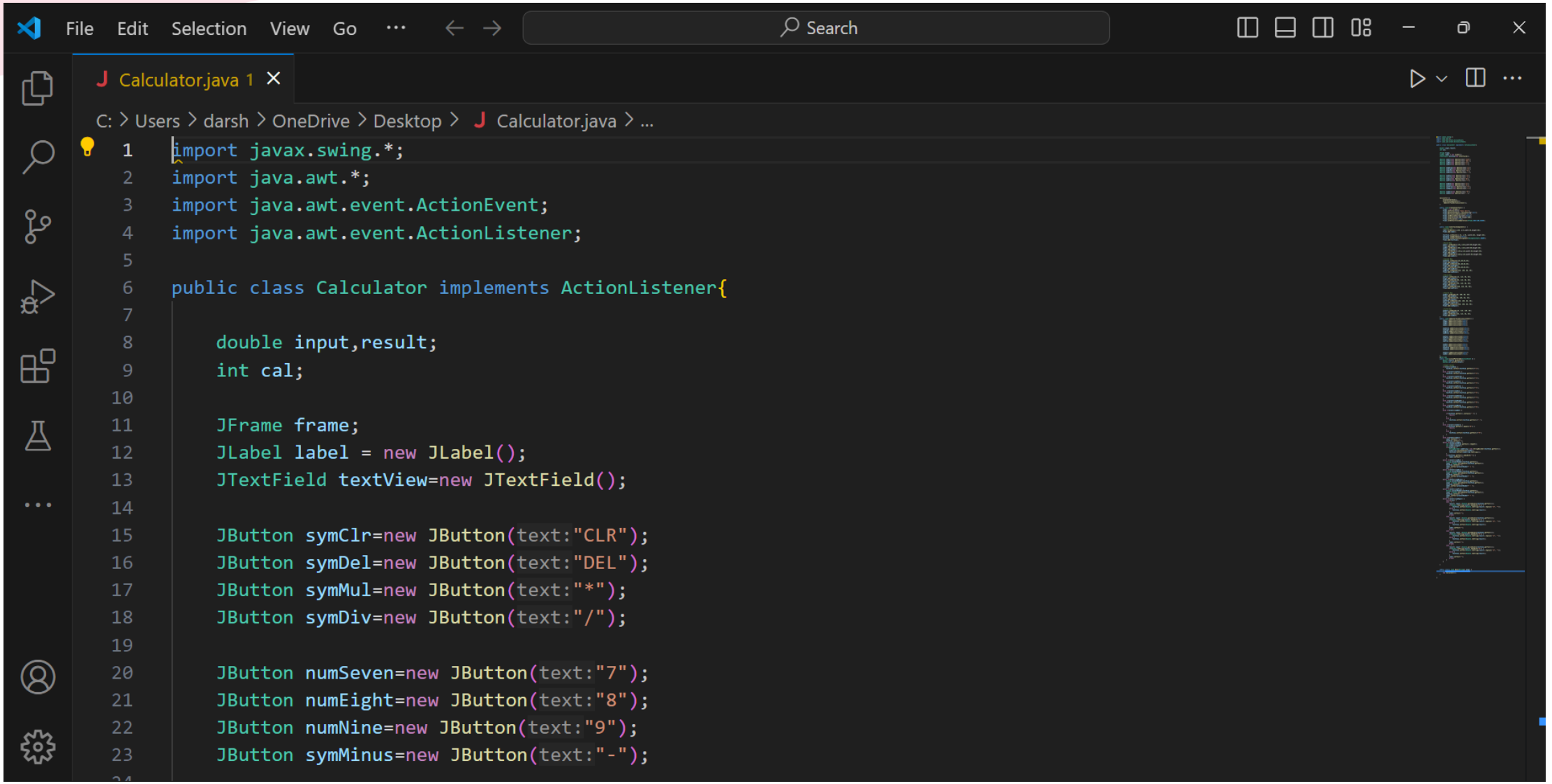

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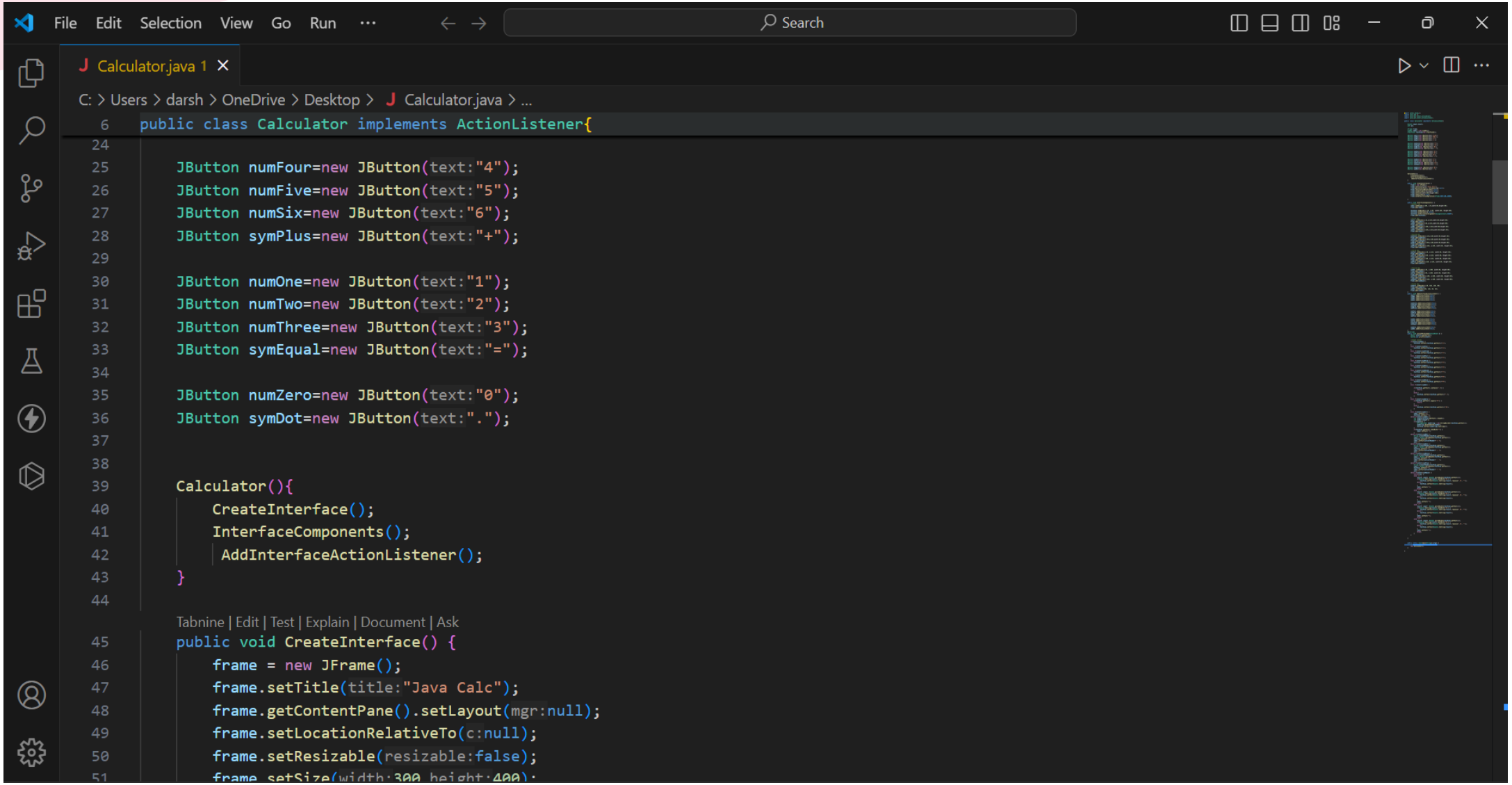

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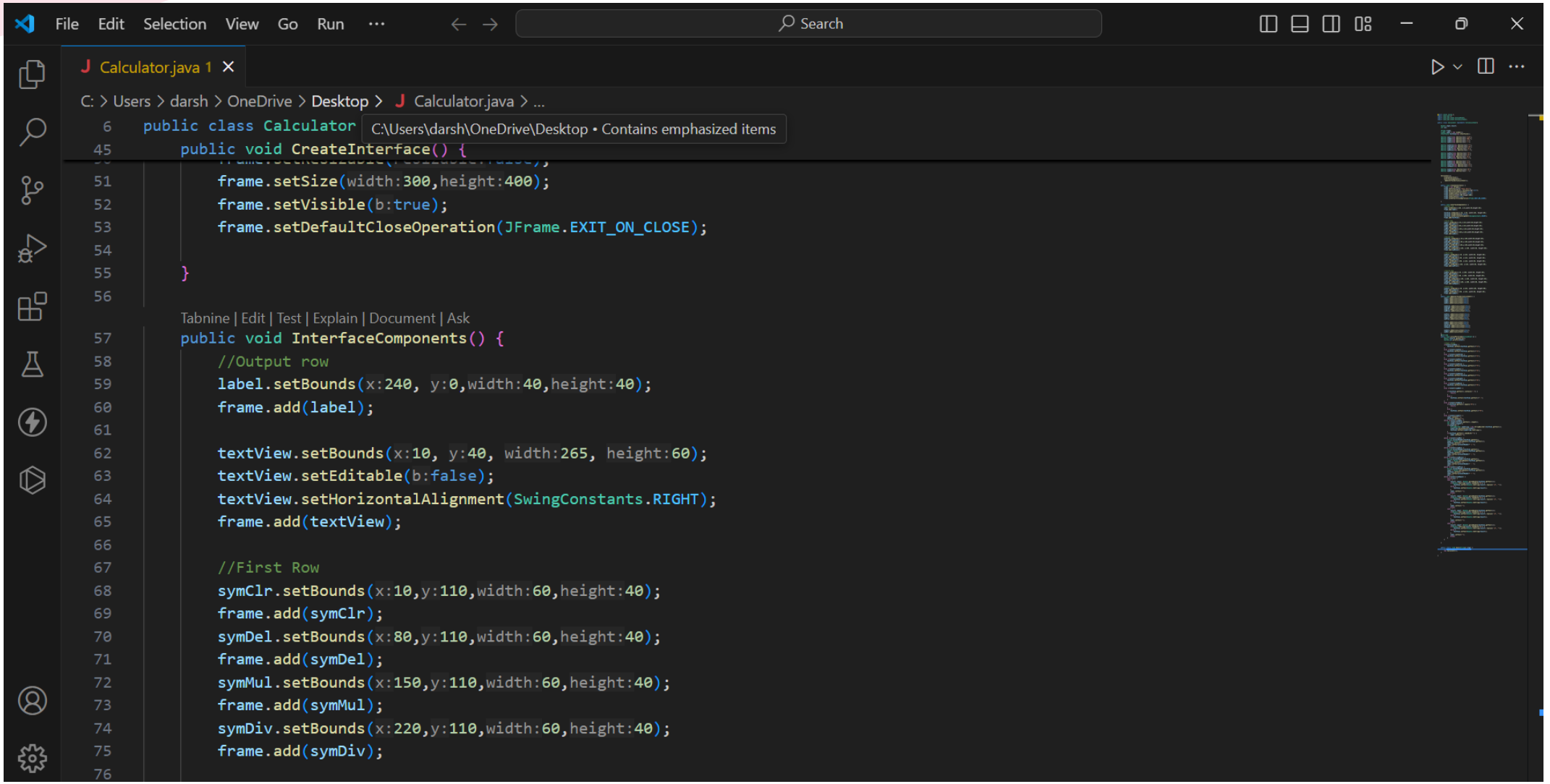

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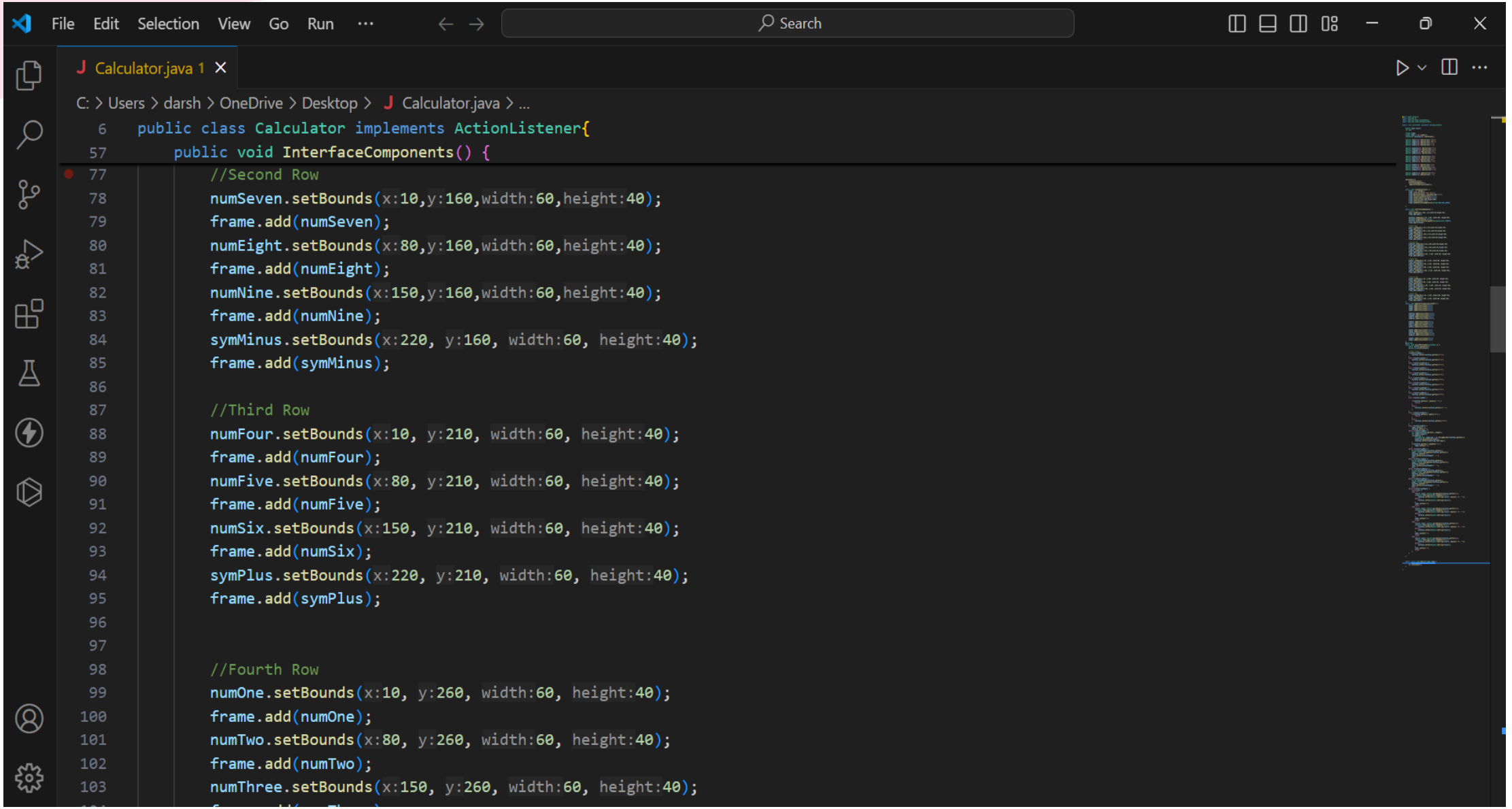

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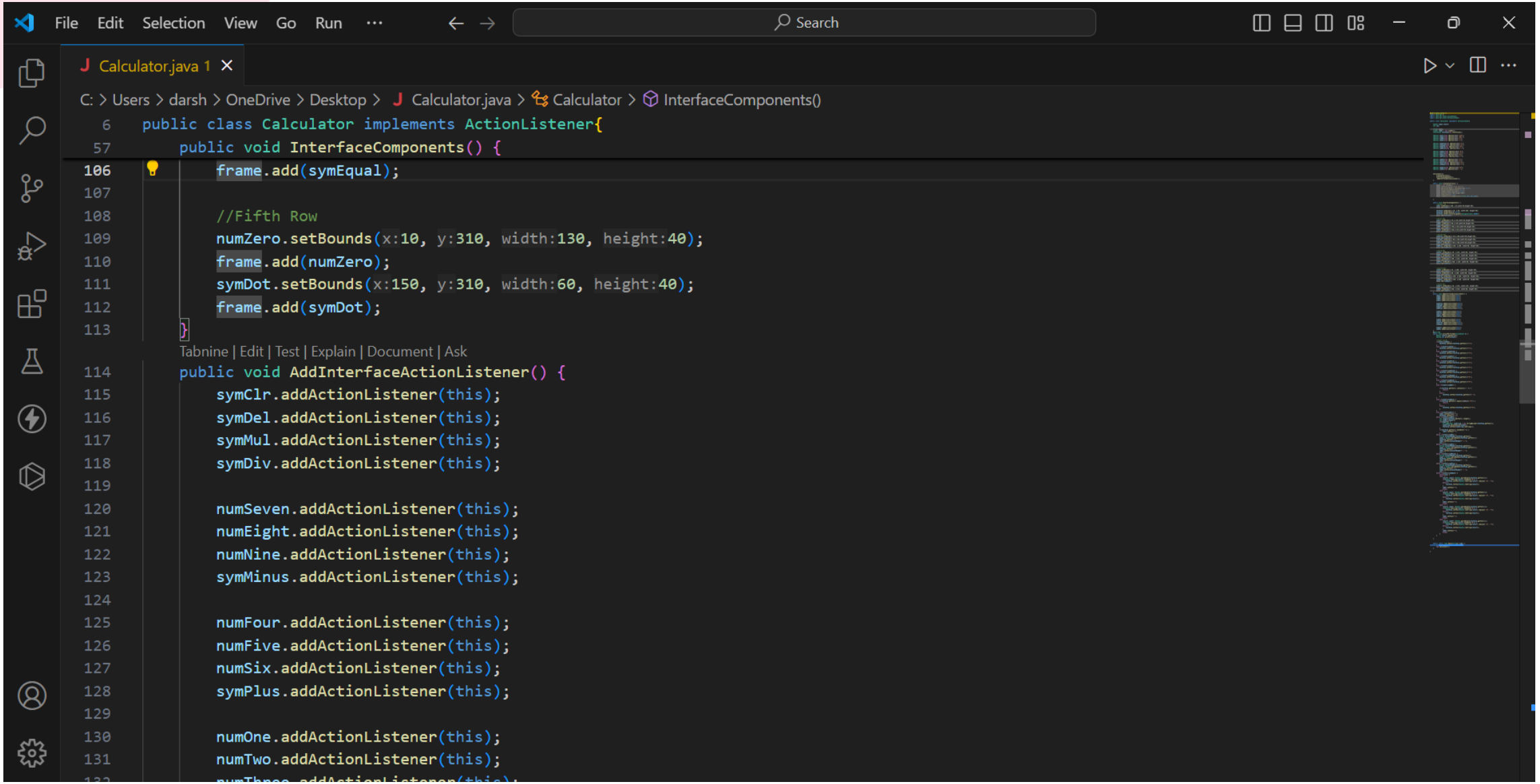

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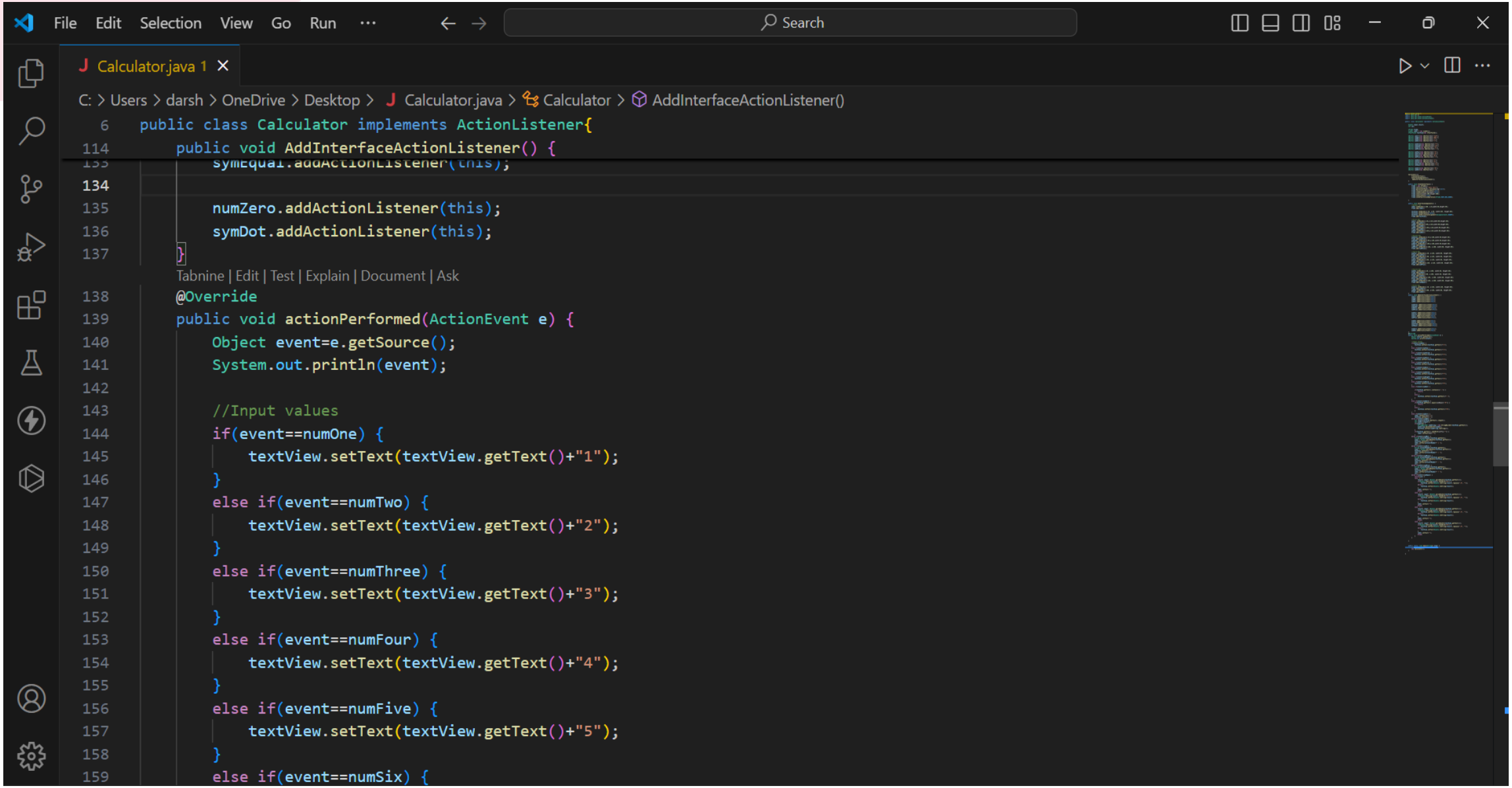

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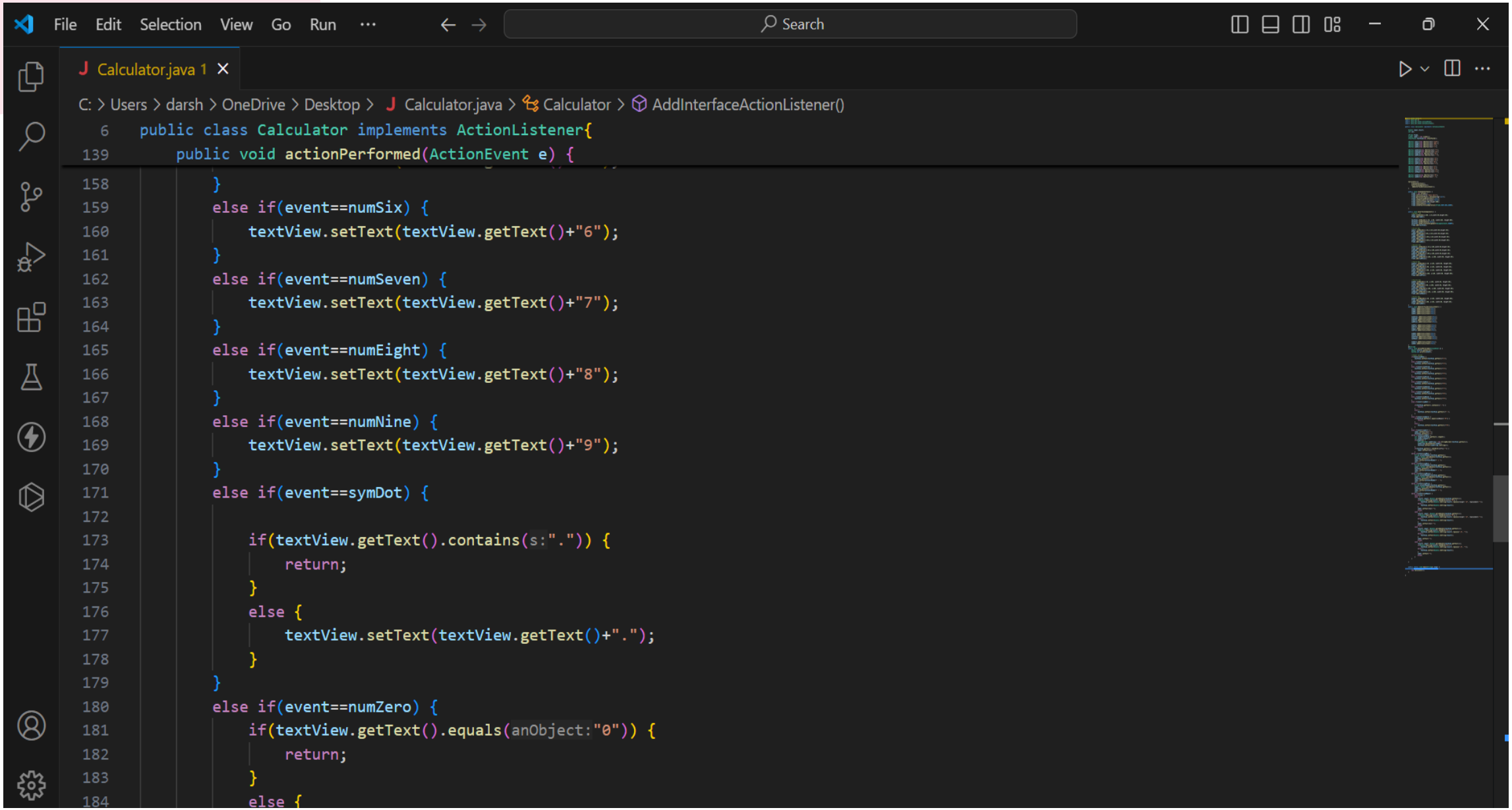

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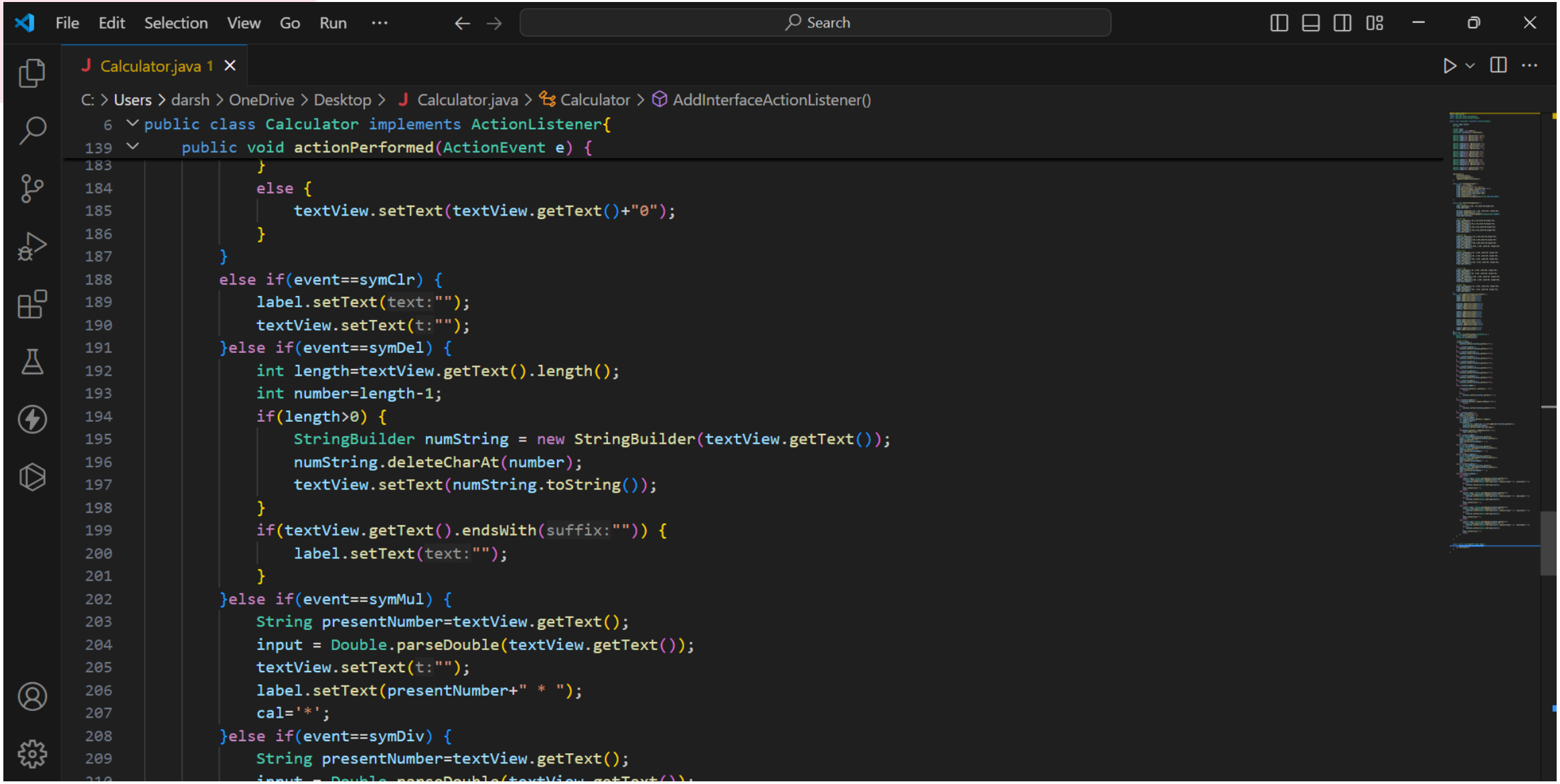

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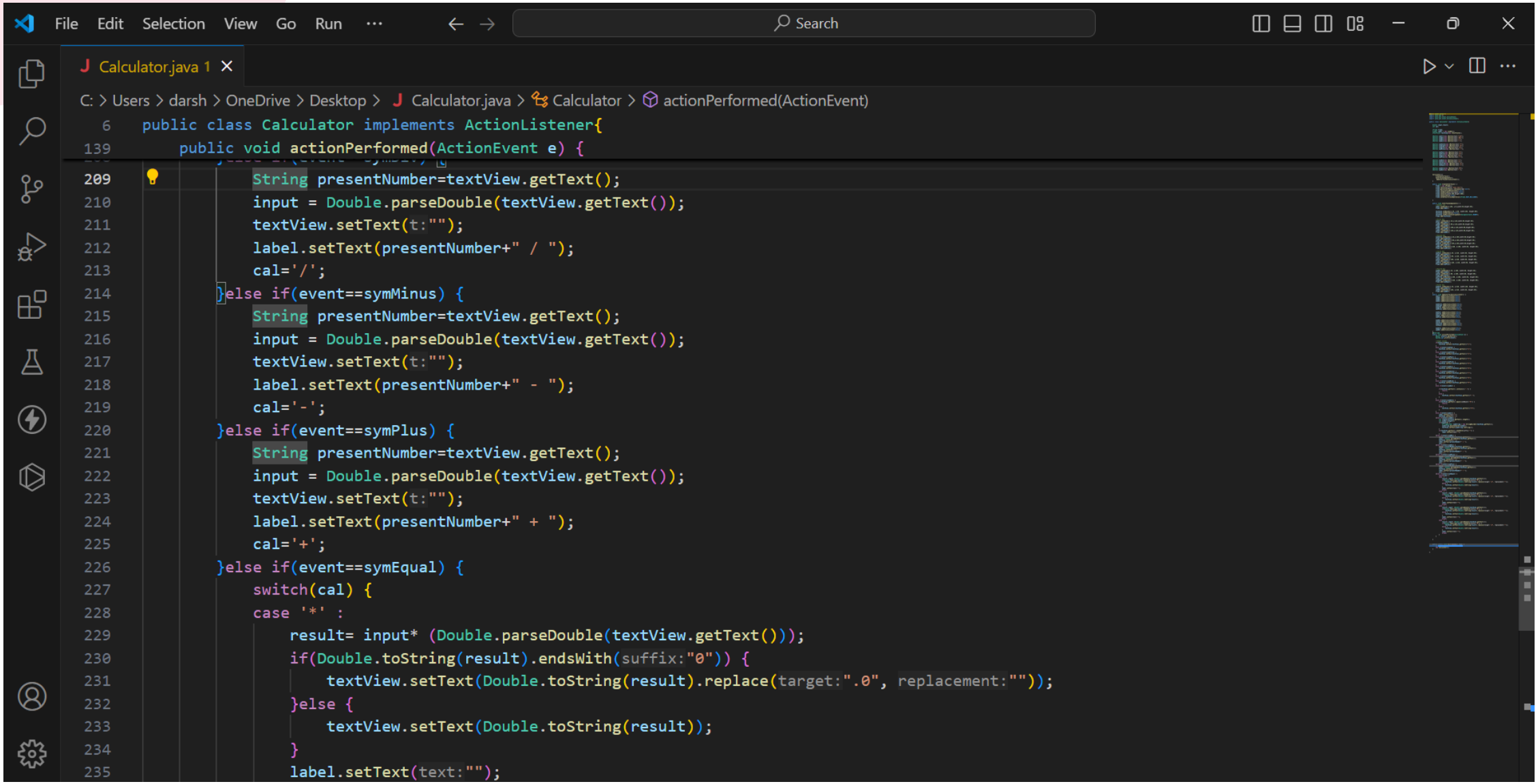

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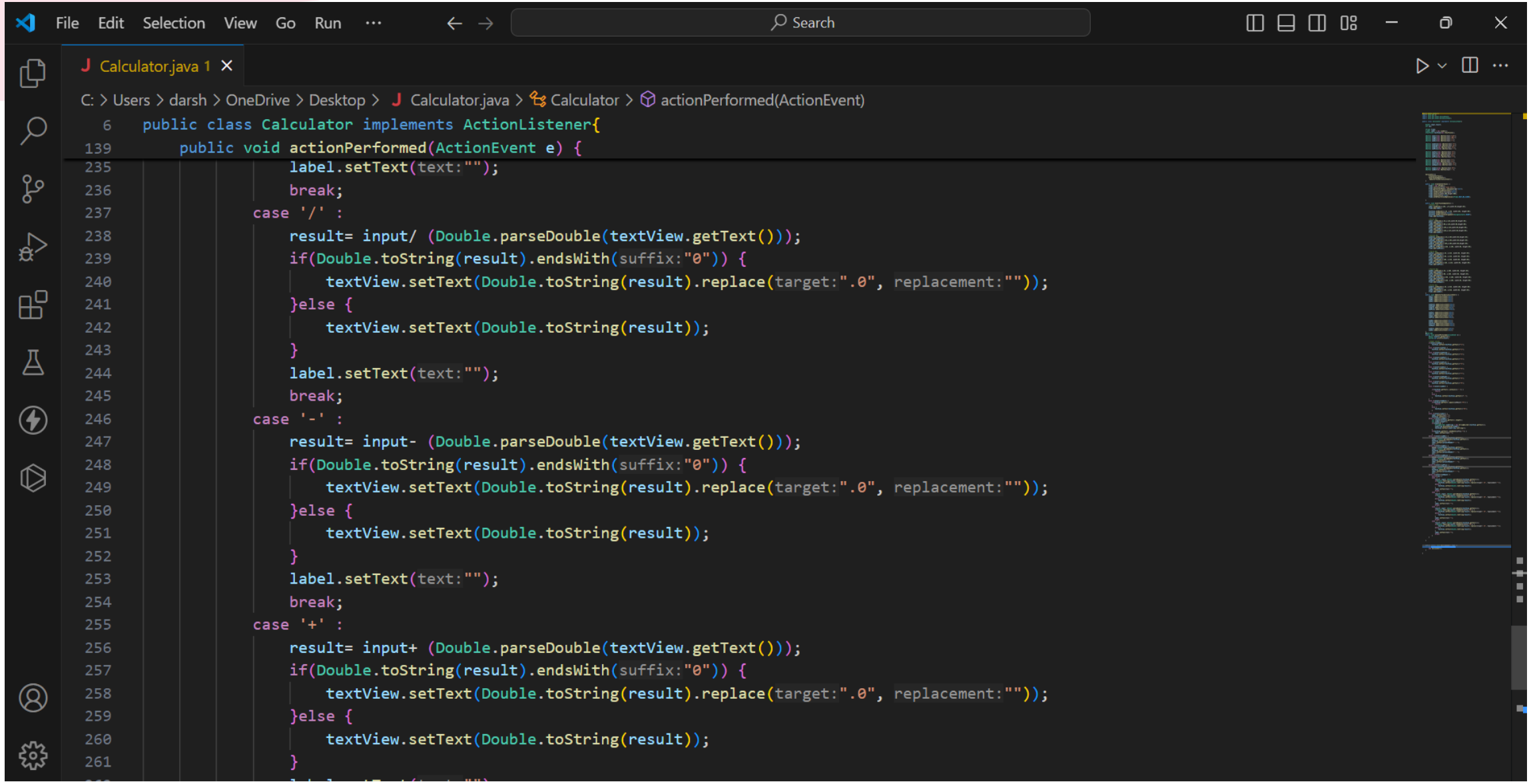

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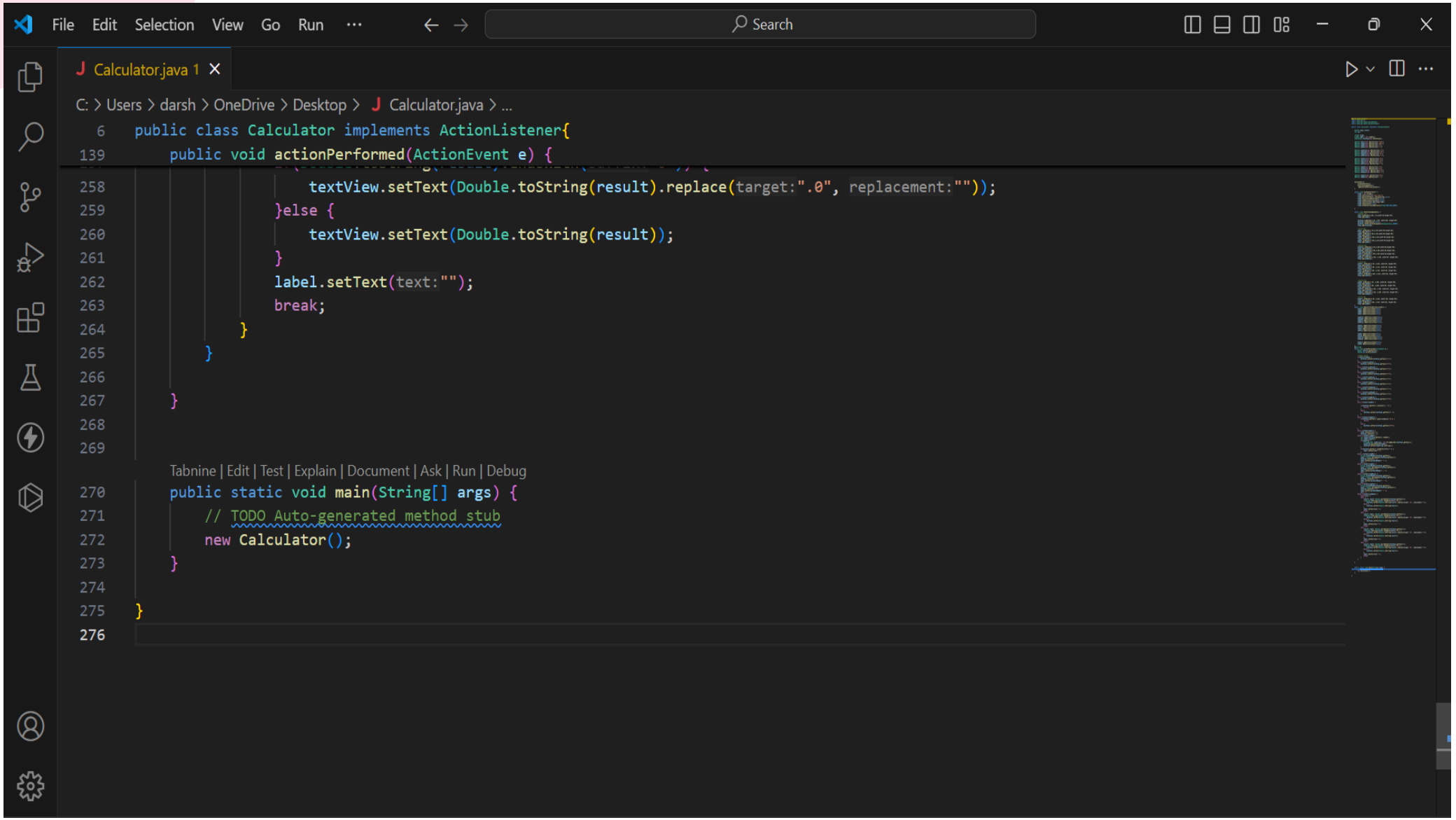

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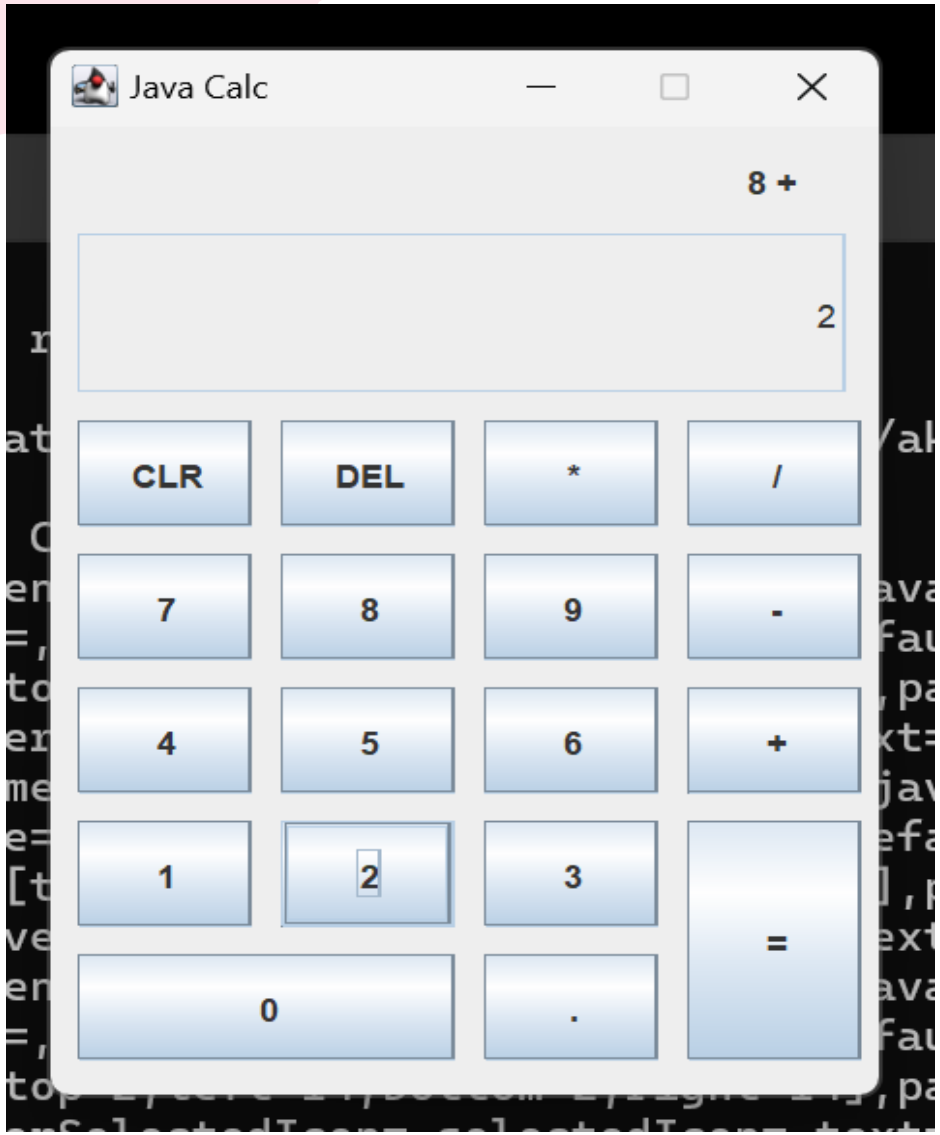

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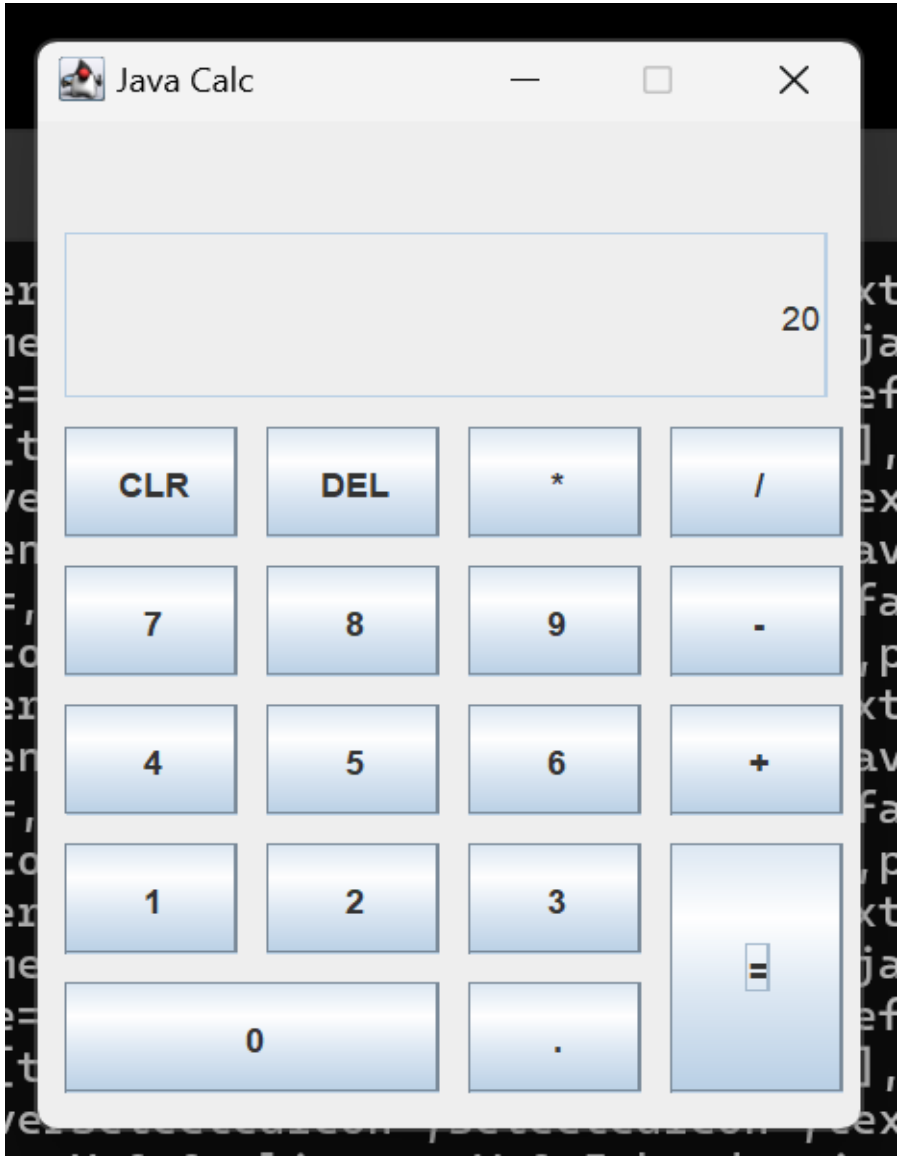

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- **Conclusion:**

- The development of the **Calculator** application in **Java** demonstrates a successful implementation of a basic arithmetic tool with a user-friendly graphical user interface (GUI). The project effectively integrates Java's **Swing** library for front-end design and follows object-oriented programming (OOP) principles for backend logic, making the application modular and easy to maintain. The calculator performs fundamental arithmetic operations accurately, while handling potential errors such as division by zero gracefully.