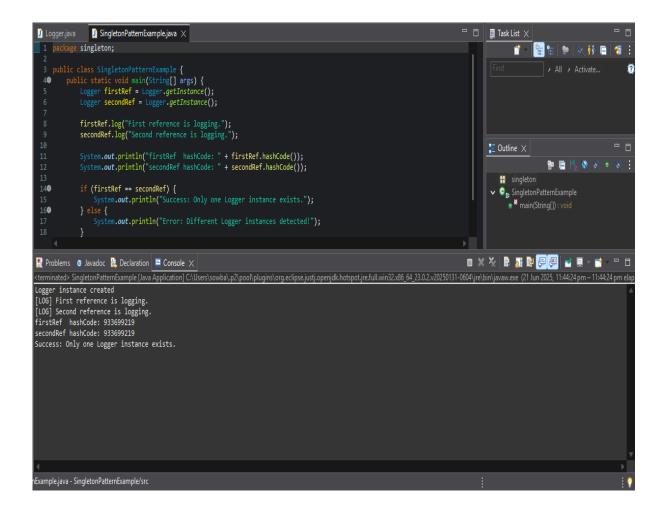
Exercise 1: Implementing the Singleton Pattern OUTPUT:



The Singleton Pattern was successfully implemented using a Logger class to ensure only one instance is created and shared across the application. This approach ensures consistent logging, saves memory, and provides a global access point to the logger. The test confirmed the Singleton works correctly.