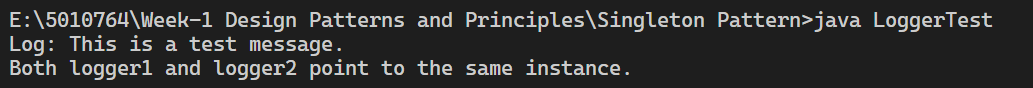
**IMPLEMENTING THE SINGLETON PATTERN:**

1. **Create a New Java Project**
   * **Set up a new Java project called SingletonPatternExample.**
2. **Define a Singleton Class**
   * **Logger Class Creation: Develop a class named Logger that includes a private static instance of itself.**
   * **Private Constructor: Ensure that the constructor of the Logger class is private to prevent direct instantiation.**
   * **Instance Access Method: Provide a public static method to retrieve the single instance of the Logger class.**
3. **Implement the Singleton Pattern**
   * **Write code within the Logger class to implement the Singleton design pattern, ensuring that only one instance of the class can be created.**
4. **Test the Singleton Implementation**
   * **Test Class Development: Create a test class to confirm that only one instance of Logger is instantiated and consistently used throughout the application.**
5. **Output**

****