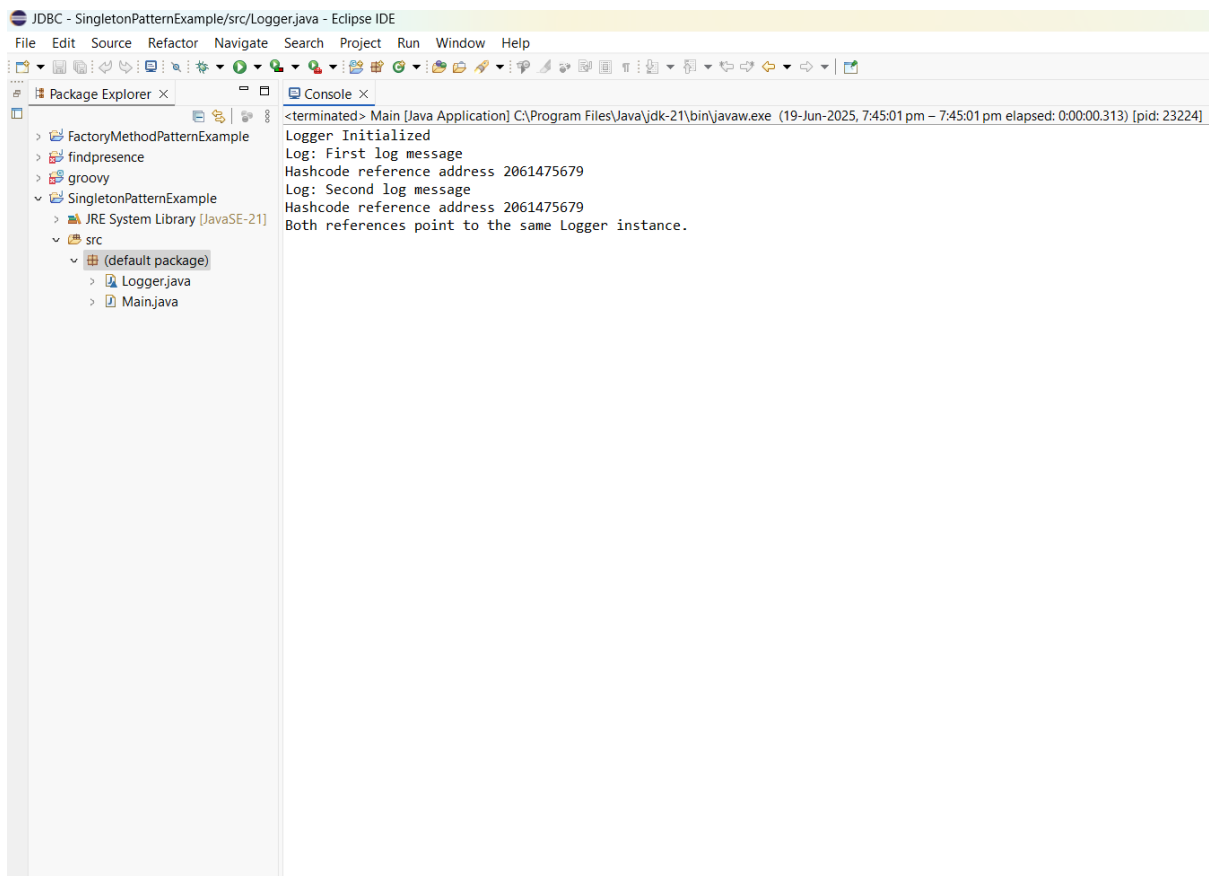


Week 1

Design Principles And Patterns Hands On

Exercise 1: Implementing the Singleton Pattern

Output snapshots:



The screenshot shows the Eclipse IDE interface. The Package Explorer on the left displays the project structure for 'SingletonPatternExample', including 'JRE System Library [JavaSE-21]', 'src', and 'Logger.java'. The Console window on the right shows the following output:

```
<terminated> Main [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (19-Jun-2025, 7:45:01 pm - 7:45:01 pm elapsed: 0:00:00.313) [pid: 23224]
Logger Initialized
Log: First log message
HashCode reference address 2061475679
Log: Second log message
HashCode reference address 2061475679
Both references point to the same Logger instance.
```

