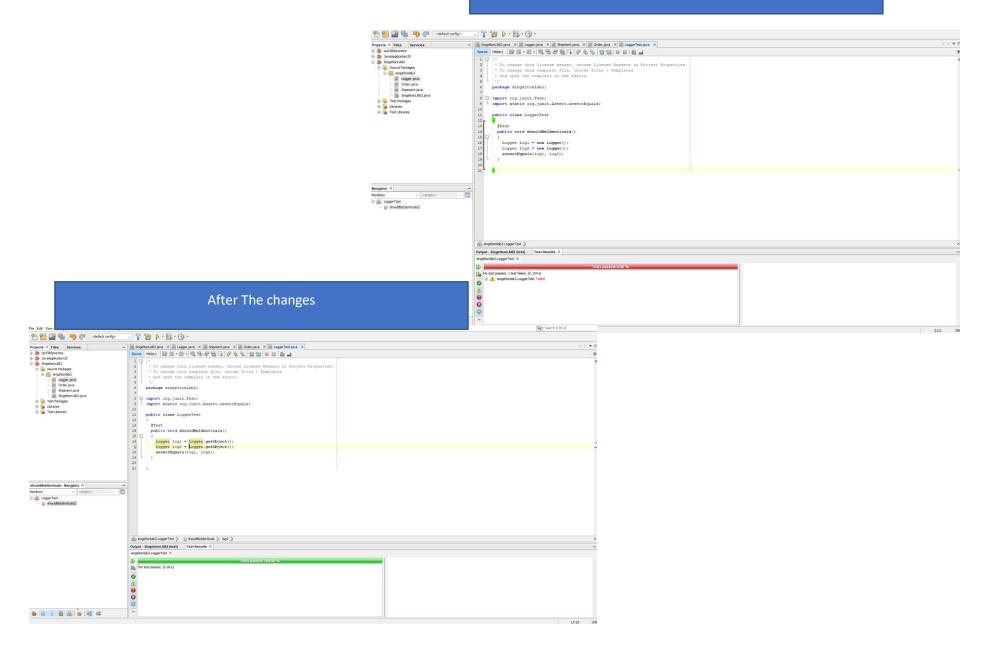
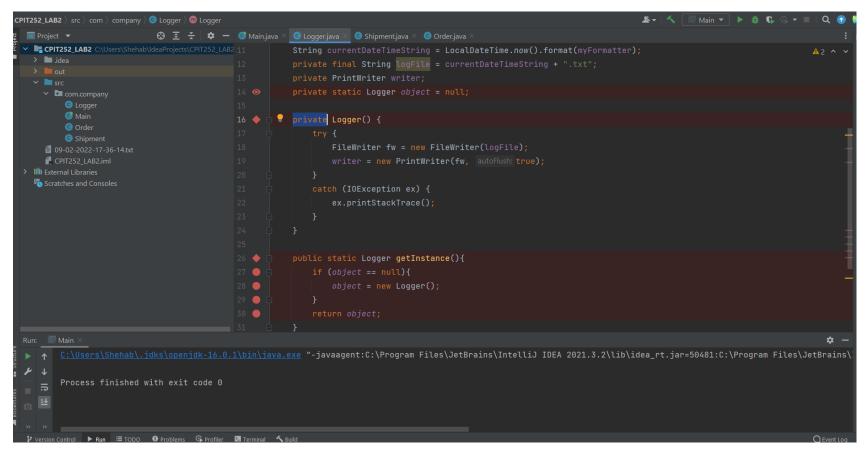
LAB2 – Singleton Before the changes





The changes were> (Logger class)

Line 14 > I've created a static object of the logger class in the same class, and I made it equal to null.

Line 16> I've changed the original constructor's modifier to private.

Line 26 to 30> I've created a static method that returns Logger object "same object I've made in line 16", the method checks if the object is null it'll create a new object using the modified constructor else it'll return the same object.

(Shipment class)

```
Main ▼ ▶ 並 ℂ, ⊘, ▼ ■
CPIT252_LAB2 ⟩ src ⟩ com ⟩ company ⟩ ⑤ Shipment
                              ⊕ 👱 🛧 🗘 - 😅 Main.java × 🕒 Logger.java × 🖒 Shipment.java × 🕒 Order.java
  CPIT252_LAB2 C:\Users\Shehab\IdeaProjects\CPIT252_LAB2 1
                                                         package com.company;
                                                         import java.util.Random;
          G Main
                                                             private int trackingNumber;
                                                            private String name;
          Shipment
                                                            private String address;
      🗐 09-02-2022-17-36-14.txt
      CPIT252_LAB2.iml
                                                            private String phoneNumber;
                                                10
                                                            private Logger log = Logger.getInstance();
    Scratches and Consoles
```

Line 10 > I just replaced what after =, instead of creating a new object it'll use the same method I've created.

(Order class)

```
Main.java × ② Loggerjava × ③ Shipment.java ×

package com.company;

import java.util.Random;

import java.time.LocalDate;

public class Order {
    private int orderNumber;
    private LocalDate orderDate;

private LocalDate orderDate;

private Logger log = Logger.getInstance();
```

Line 9 > same as line 10 in the **Shipment** class.

```
- SingeltonLAB2.java × Stogger.java × Shipment.java × Sogger.java × CoggerTest.java ×
Projects × Files Services
Source History | 😭 🔯 + 🐺 + | 🗖 💎 🖓 🚭 📮 | 😭 🗞 😭 💇 🗐 | 🥯 🔲 | 🕮 🚅
SingeltonLAB2
                                              * To change this license header, choose License Headers in Project Properties.
  * To change this template file, choose Tools | Templates
   ingeltonlab2
                                             * and open the template in the editor.
      Logger.java
Order.java
                                            package singeltonlab2;
       Shipment.java
       SingeltonLAB2.java
                                        8 [ import org.junit.Test;
  import static org.junit.Assert.assertEquals;
  ⊕ 🔓 Libraries
  ⊕ 🍒 Test Libraries
                                       11
                                             public class LoggerTest
                                       12
                                       13
                                              @Test
                                       14
                                              public void shouldBeIdenticals()
                                       15
                                       16
9
                                                 Logger log1 = Logger.getObject();
                                                Logger log2 = Logger.getObject();
                                                 assertEquals(log1, log2);
```

And this is the last change in the junit.

I've used the NetBeans in the end because I couldn't run the junit test in intellij.

```
### Add Configuration. | Add C
```

I did try to follow the steps but that is where I got to.