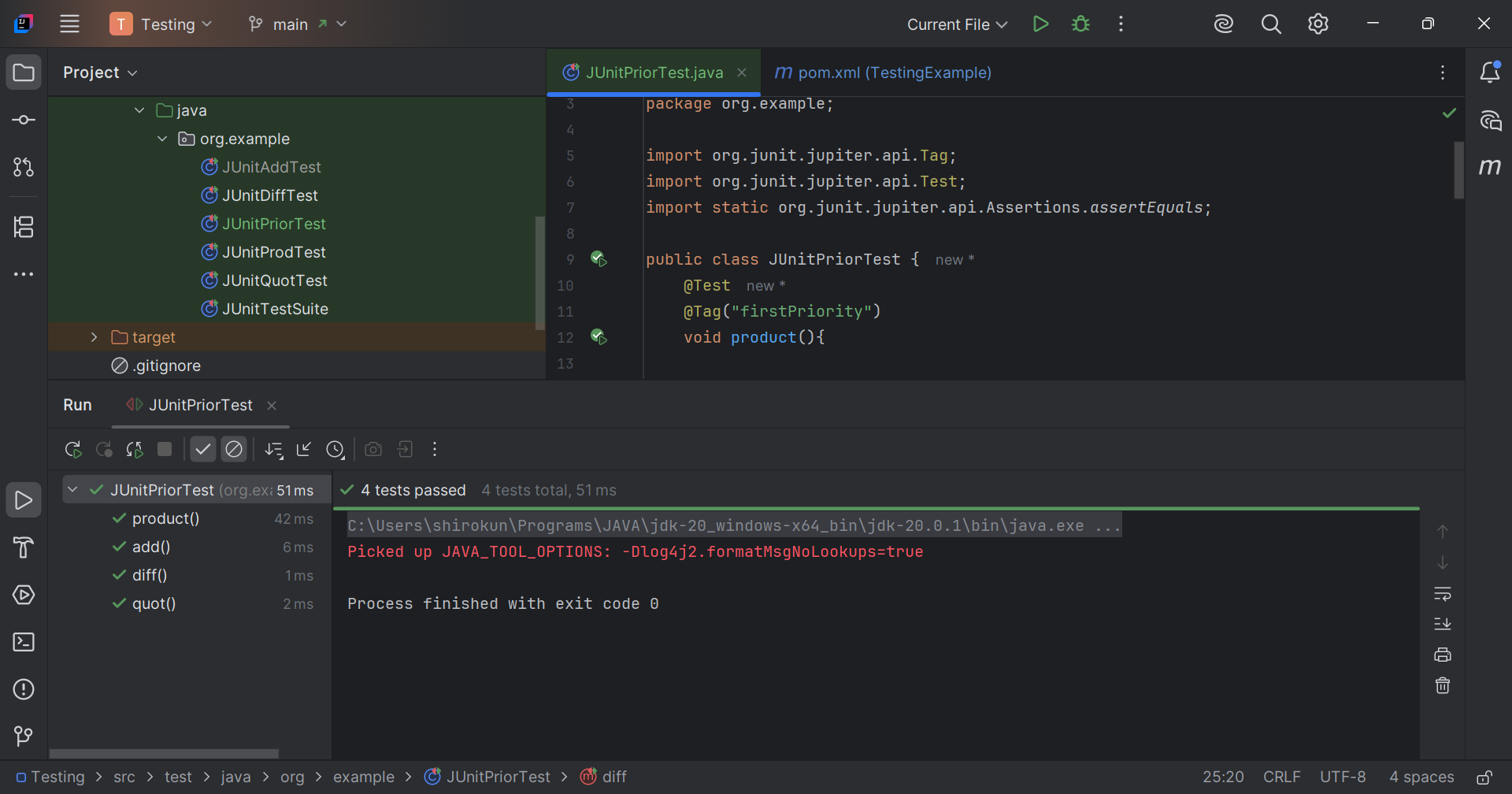
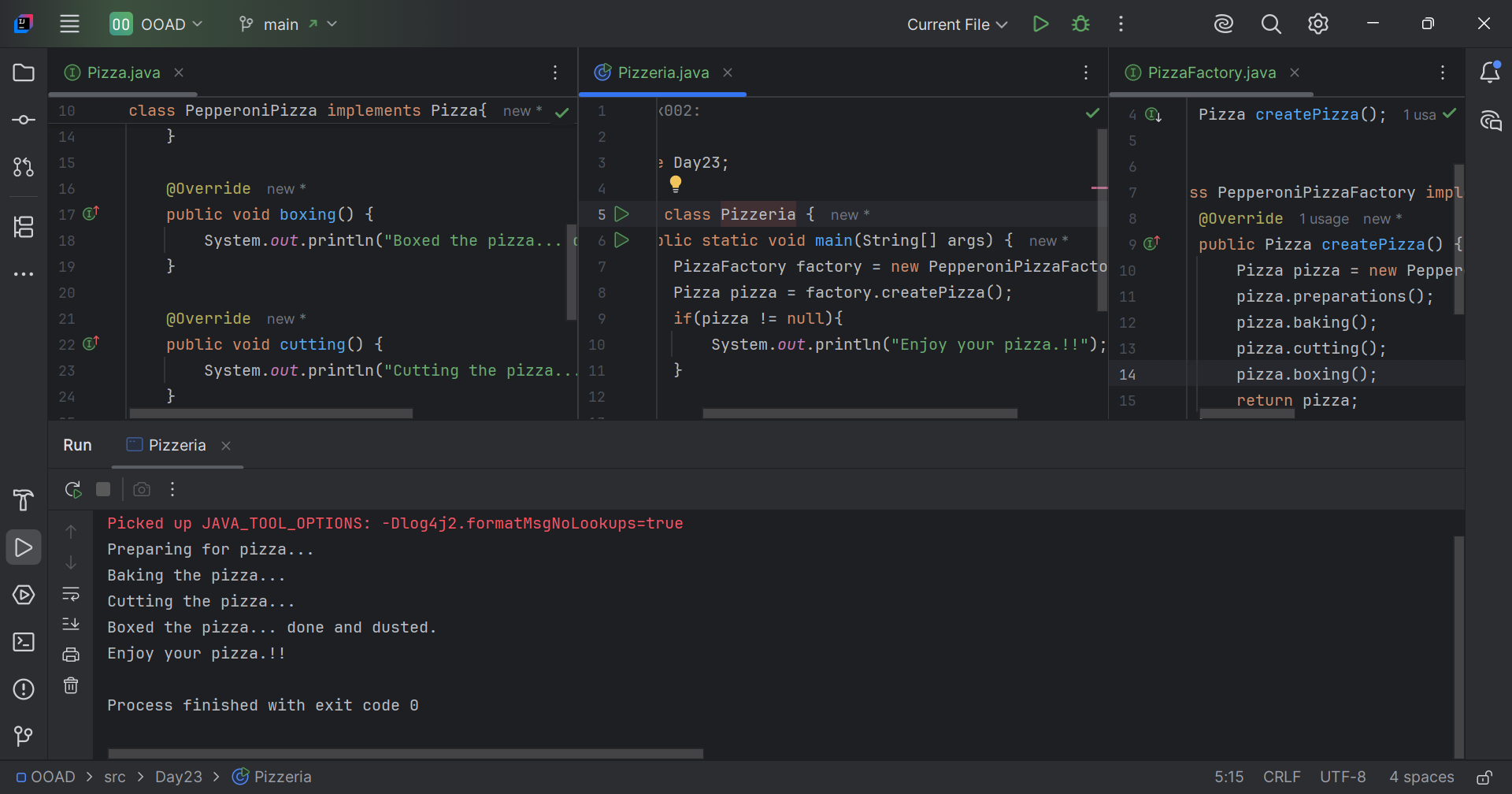
Day 23 – 02/08/2025

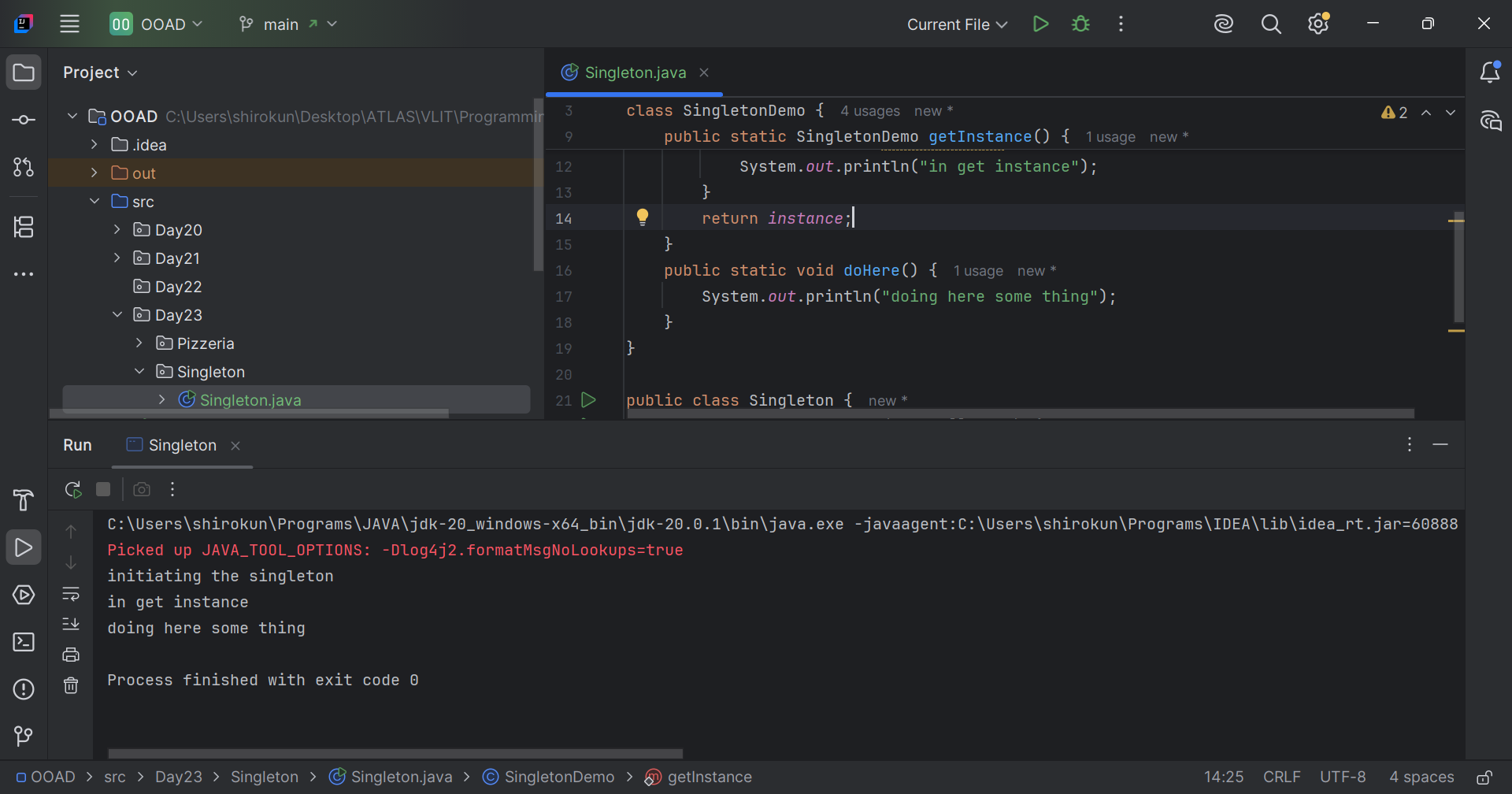
// Task001: Tags annotation.  
  
package org.example;  
  
import org.junit.jupiter.api.Tag;  
import org.junit.jupiter.api.Test;  
import static org.junit.jupiter.api.Assertions.*assertEquals*;  
  
public class JUnitPriorTest {  
 @Test  
 @Tag("firstPriority")  
 void product(){  
  
 }  
  
 @Test  
 @Tag("firstPriority")  
 void quot(){  
 int a =2, b=3, quot;  
 quot = b/a;  
 *assertEquals*(1, quot);  
 }  
  
 @Test  
 @Tag("fastTag")  
 void diff(){  
 int a=2, b=3, doff;  
 doff = b-a;  
 *assertEquals*(1, doff);  
 }  
  
 @Test  
 @Tag("slowTag")  
 void add(){  
 int a =2, b=3, sum;  
 sum = a+b;  
 *assertEquals*(5, sum);  
 }  
  
}



// Task002: Factory model design pattern.  
  
package Day23;  
  
public class Pizzeria {  
 public static void main(String[] args) {  
 PizzaFactory factory = new PepperoniPizzaFactory();  
 Pizza pizza = factory.createPizza();  
 if(pizza != null){  
 System.*out*.println("Enjoy your pizza.!!");  
 }  
 }  
}



// Task003: Singleton  
  
package Day23.Singleton;  
  
class SingletonDemo {  
 private static SingletonDemo *instance*; // login ids.. //pass/ pin no  
 private SingletonDemo() {  
 System.*out*.println("initiating the singleton");  
 }  
  
 public static SingletonDemo getInstance() {  
 if (*instance* == null) {  
 *instance* = new SingletonDemo();  
 System.*out*.println("in get instance");  
 }  
 return *instance*;  
 }  
 public static void doHere() {  
 System.*out*.println("doing here some thing");  
 }  
}  
  
public class Singleton {  
 public static void main(String[] args) {  
 SingletonDemo.*getInstance*().*doHere*();  
 }  
}



' HomeTask005: UML Demo  
  
@startuml  
 participant Pax as p  
 actor TheActor as a #Green  
 boundary TheBoundary as b  
 control C as c  
 database Dbase as db  
 entity table as t  
 collections col as c  
 queue que as q  
  
 autonumber  
 p -[#red]> a : pax to actor  
 a ->x p: ohh is it!  
 autonumber 100  
 b ->> p: boundary to pax  
 note left: plz make a note on left  
 c -\ p: control to pax  
 db \\- p: db to pax  
 autonumber 50 10  
 t //-- db: table to db  
 c ->o db: collection to db  
 note right: plz make a note  
 q <->o p: q to pax  
  
 Prasunamba -> Batch2 : learning uml  
 Batch2 -> Prasunamba: ok will learn  
@enduml

