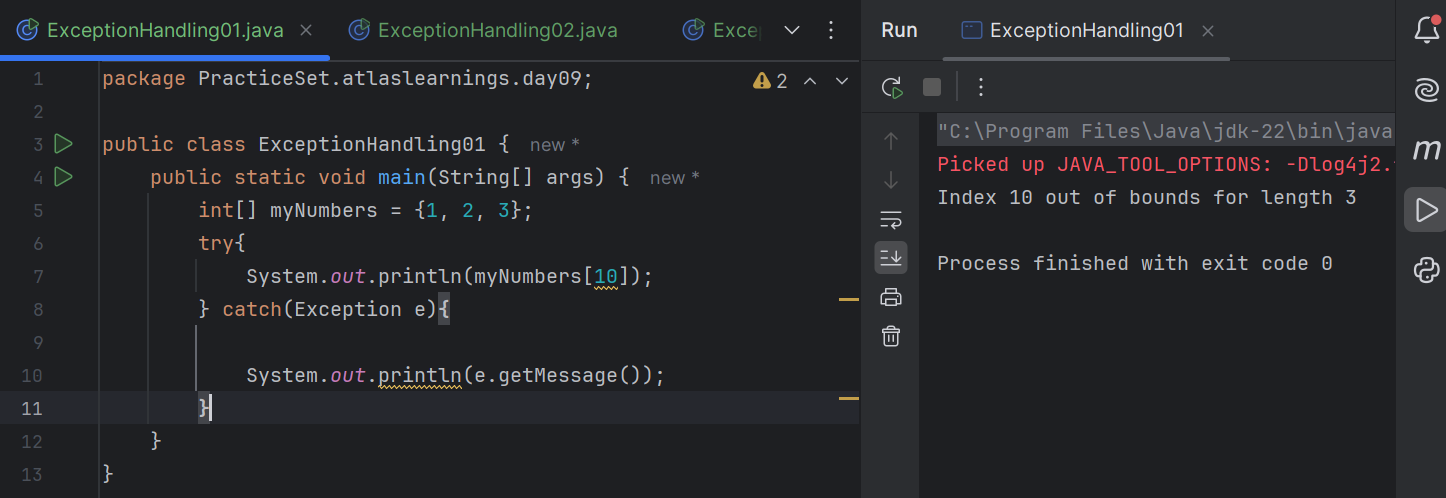
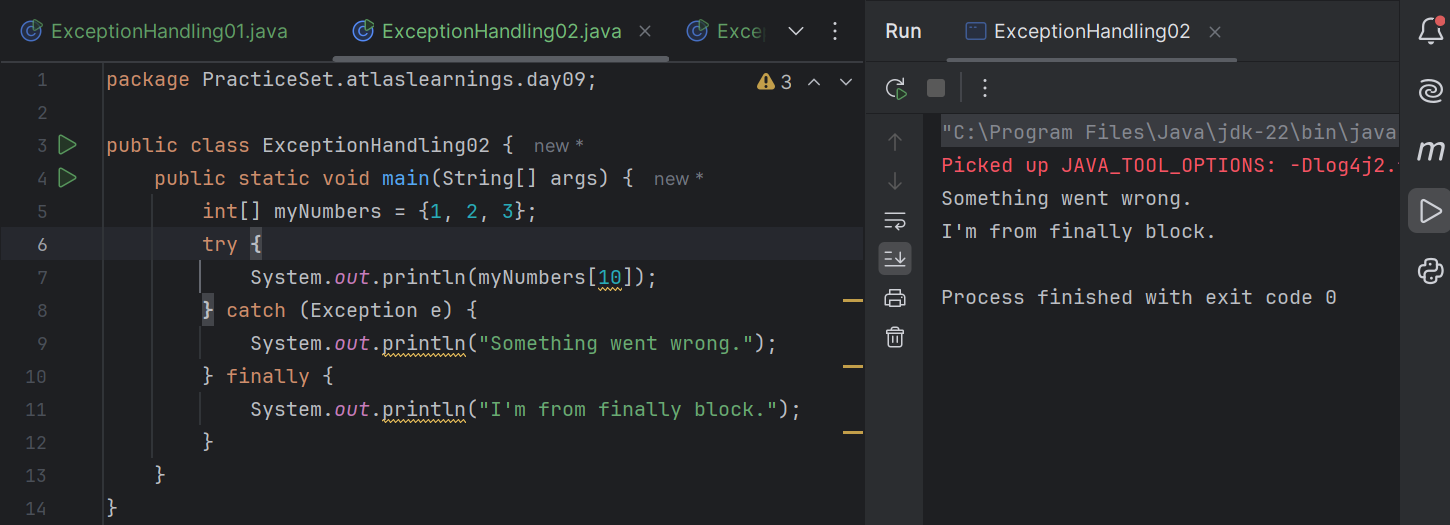
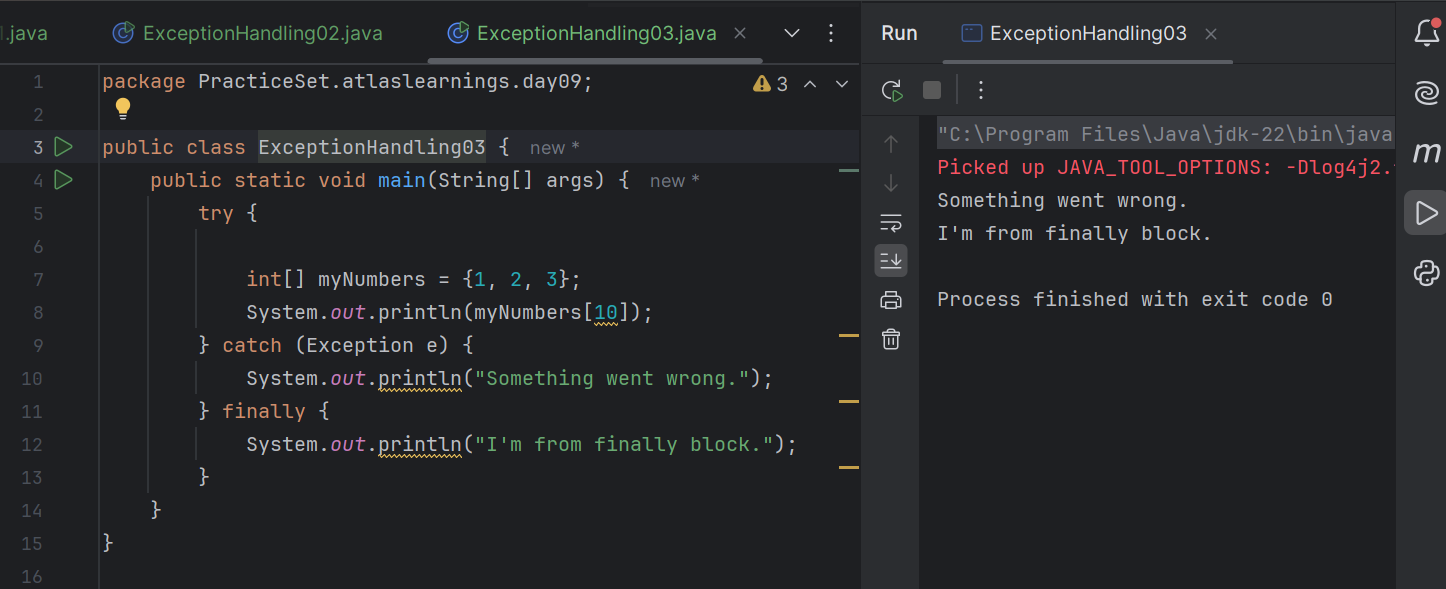
Task 1

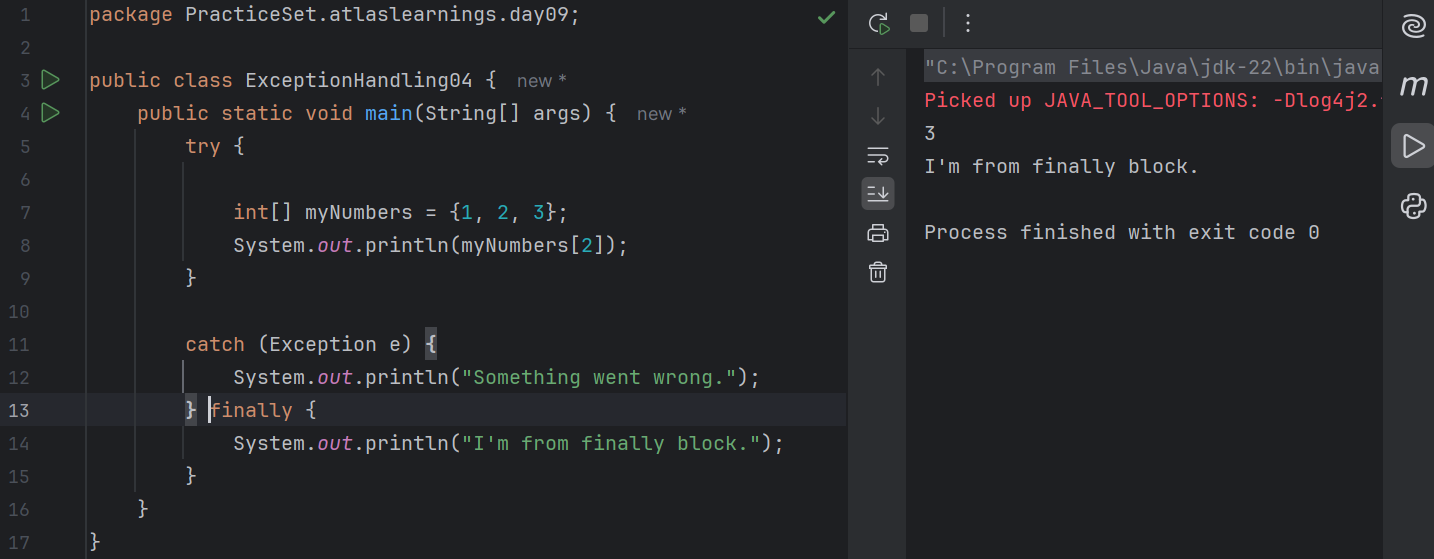


Task 2

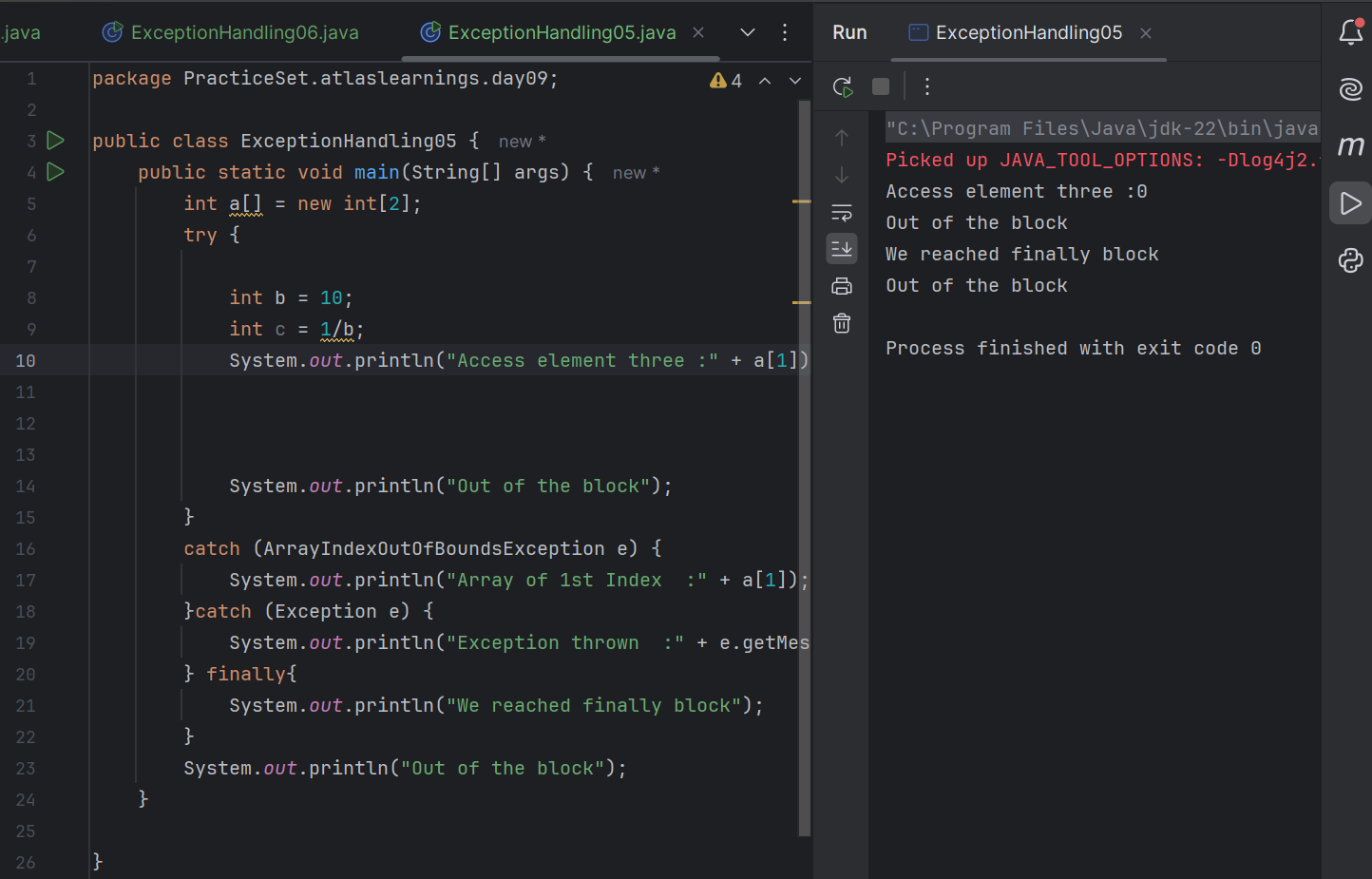
Task 3



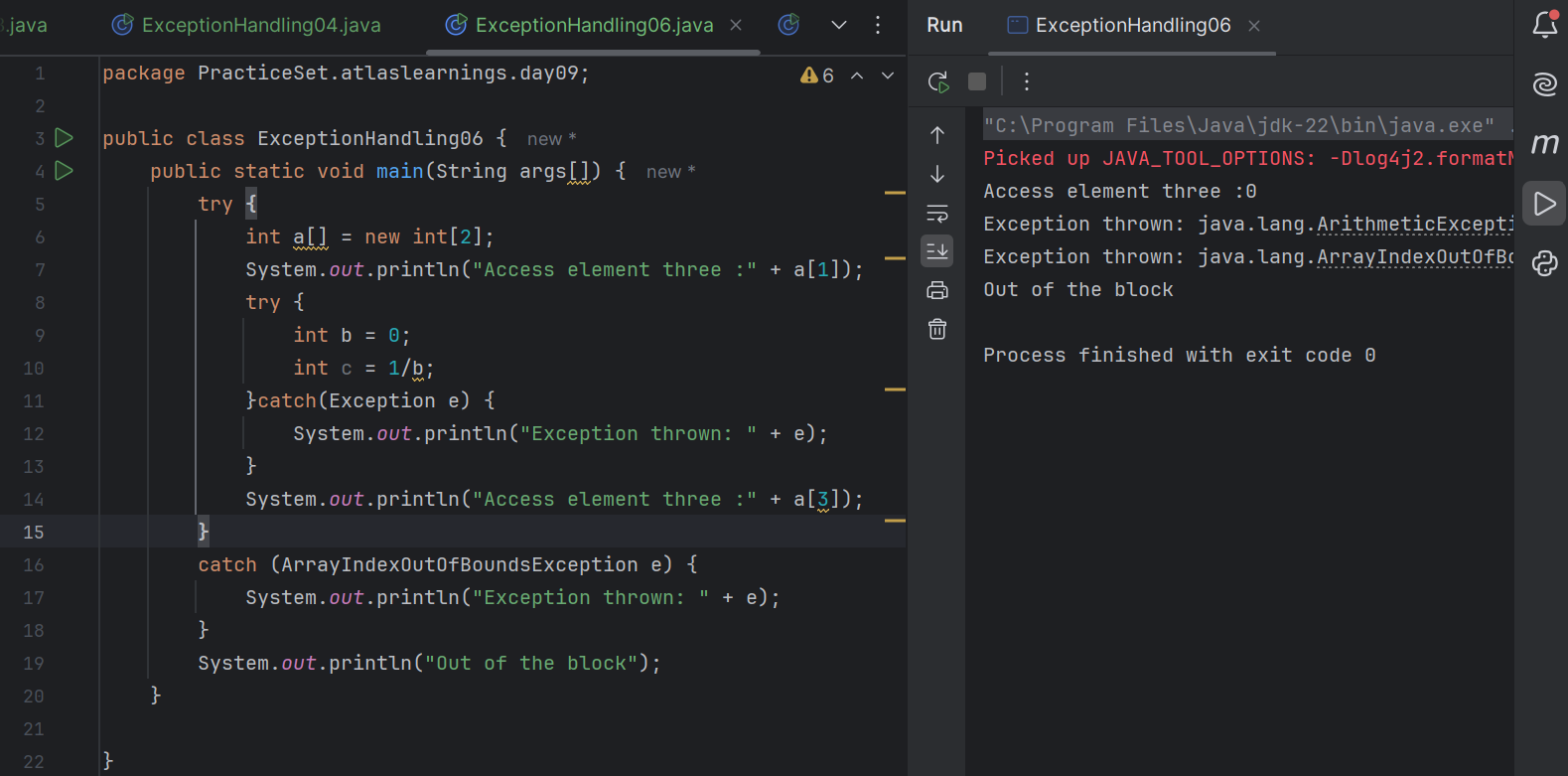
Task 4



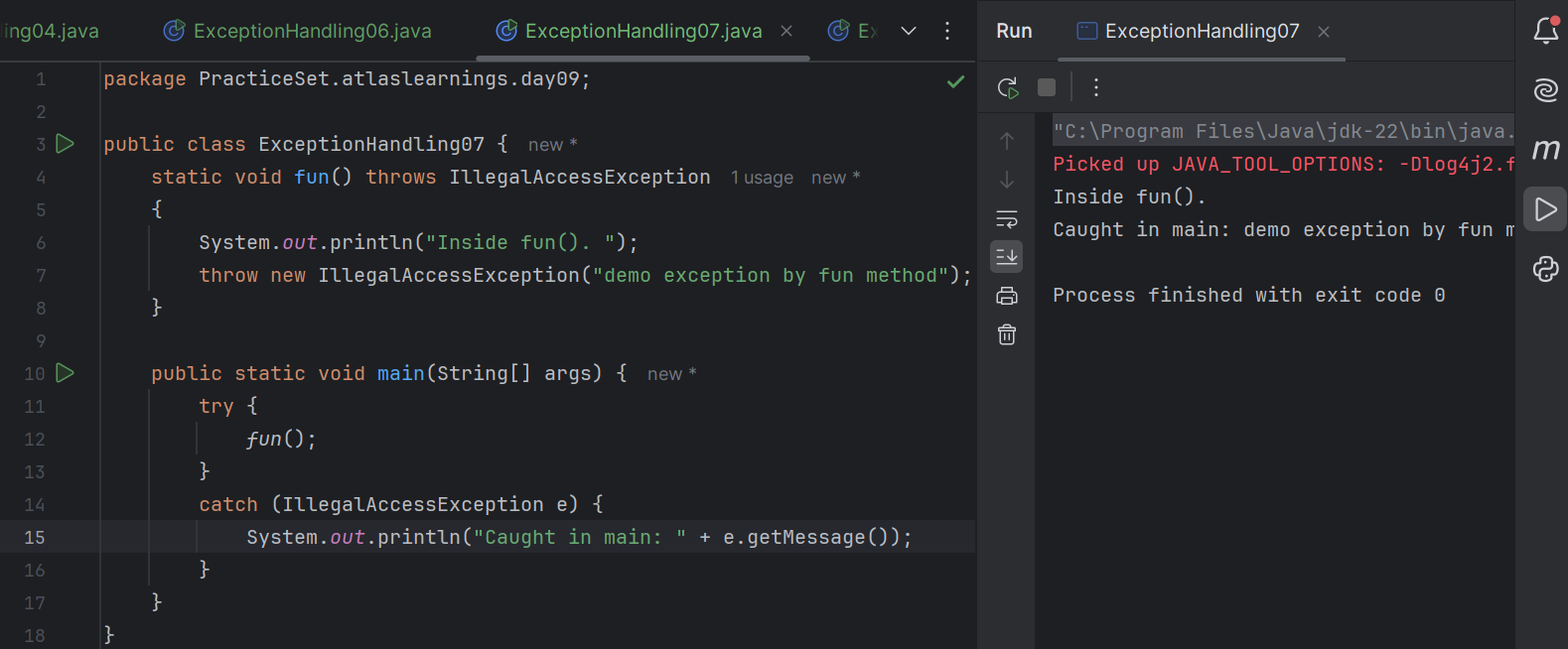
Task 5



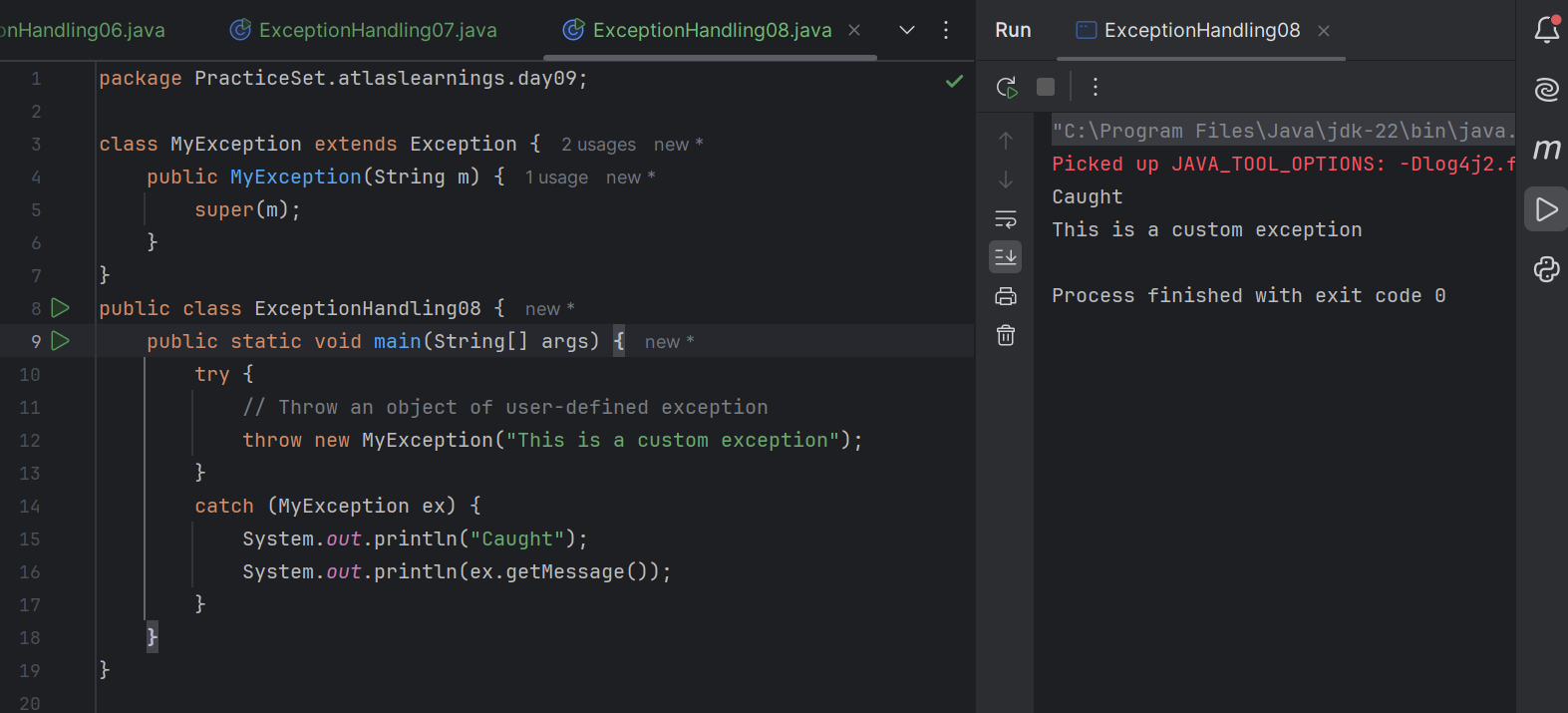
Task 6



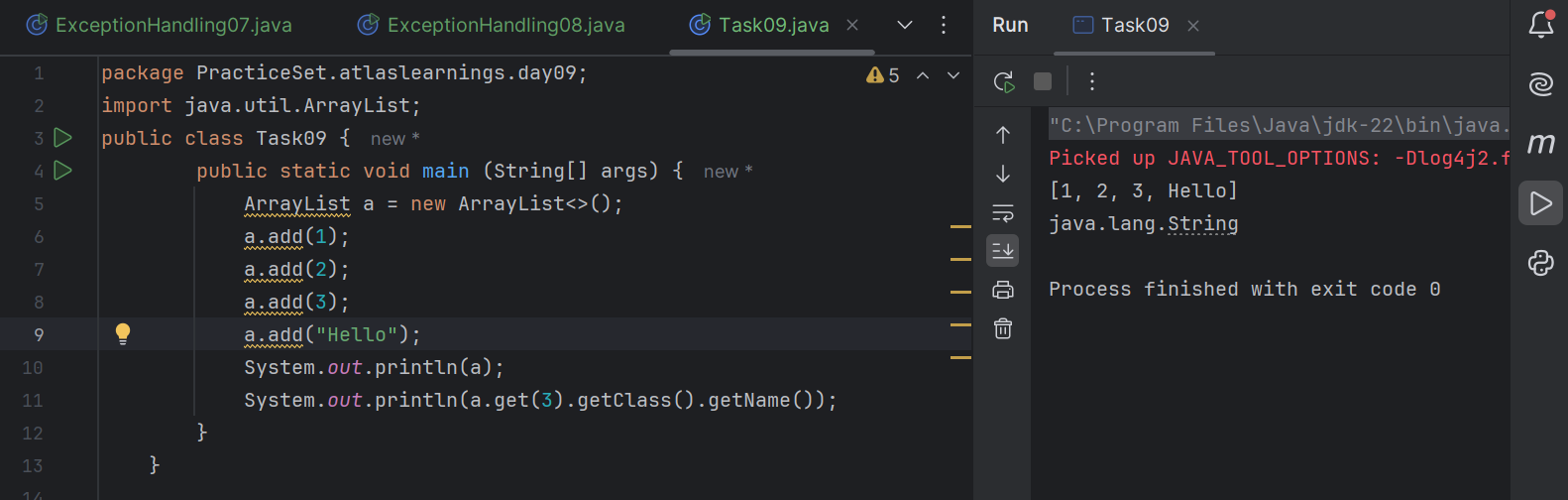
Task 7



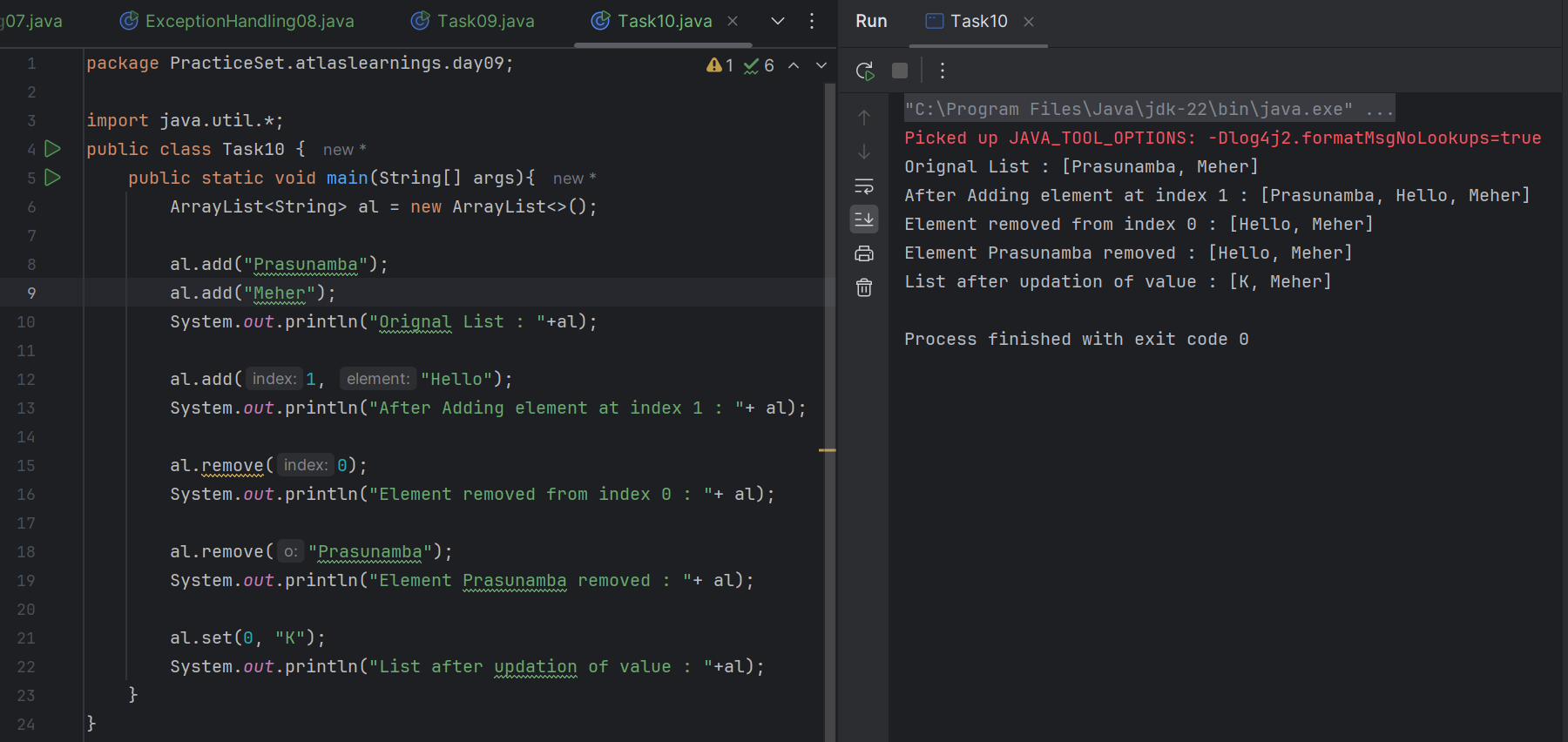
Task 8



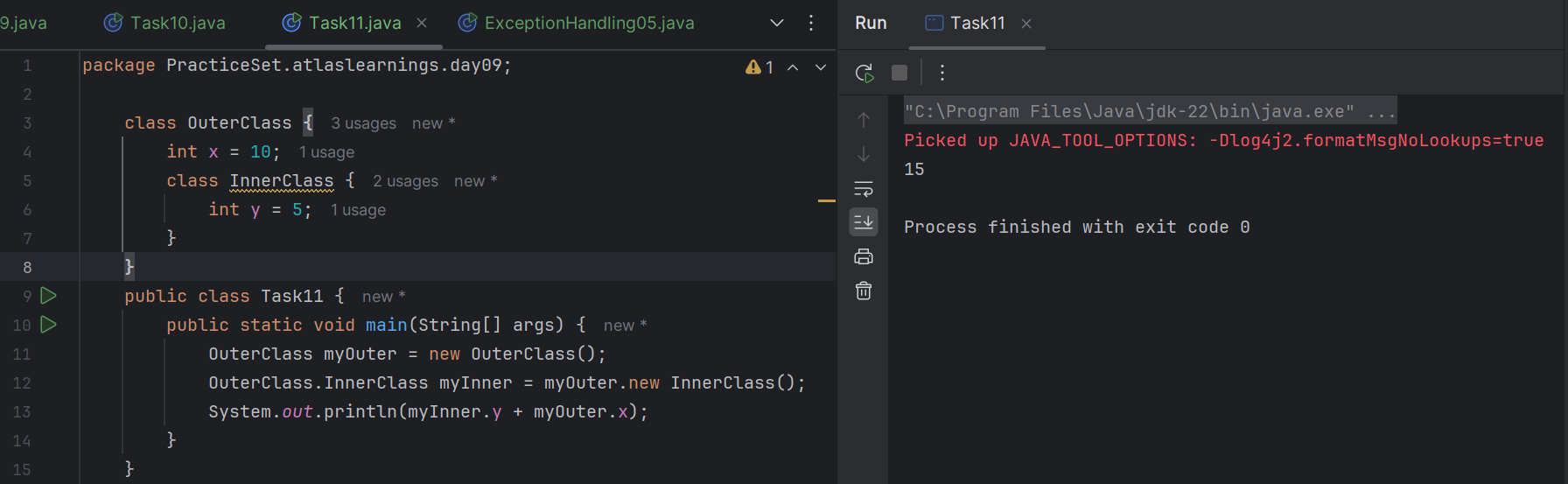
Task 9



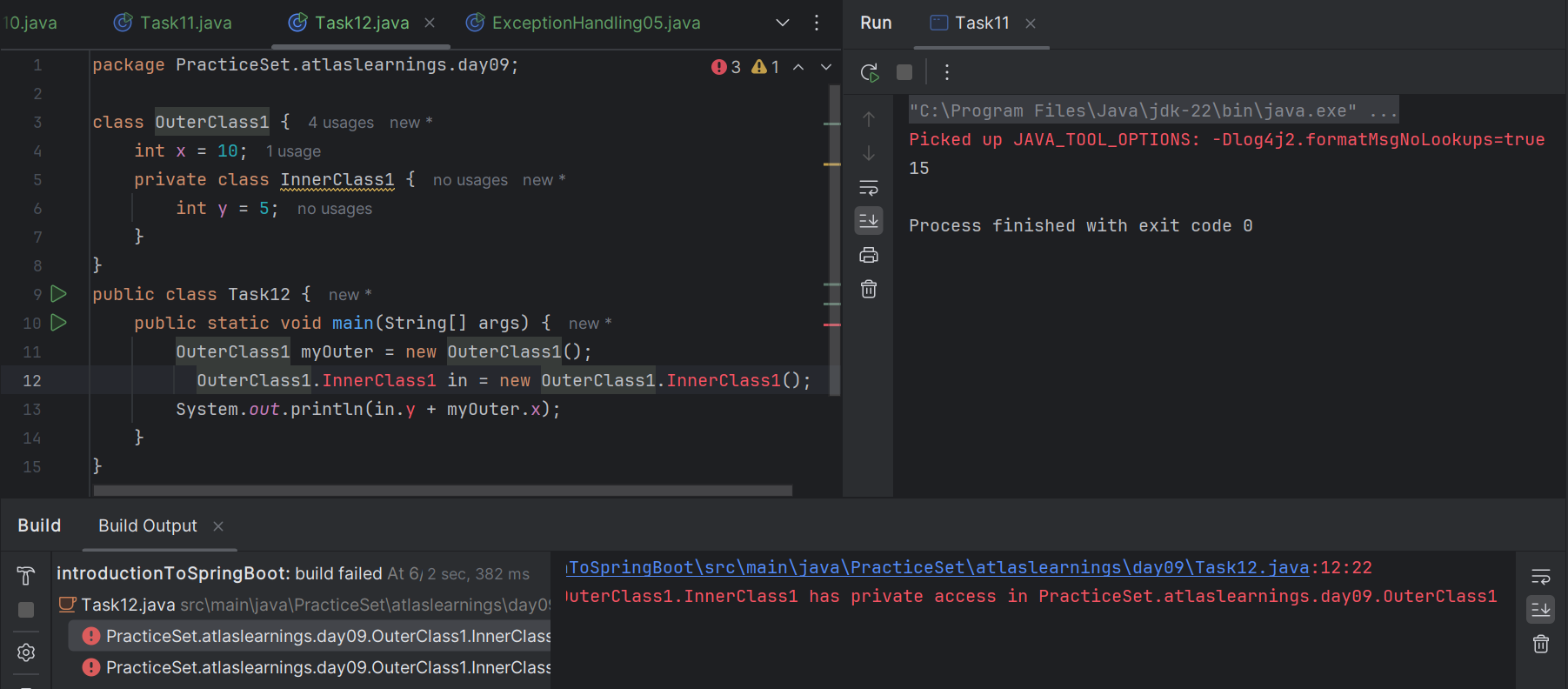
Task 10



Task 11

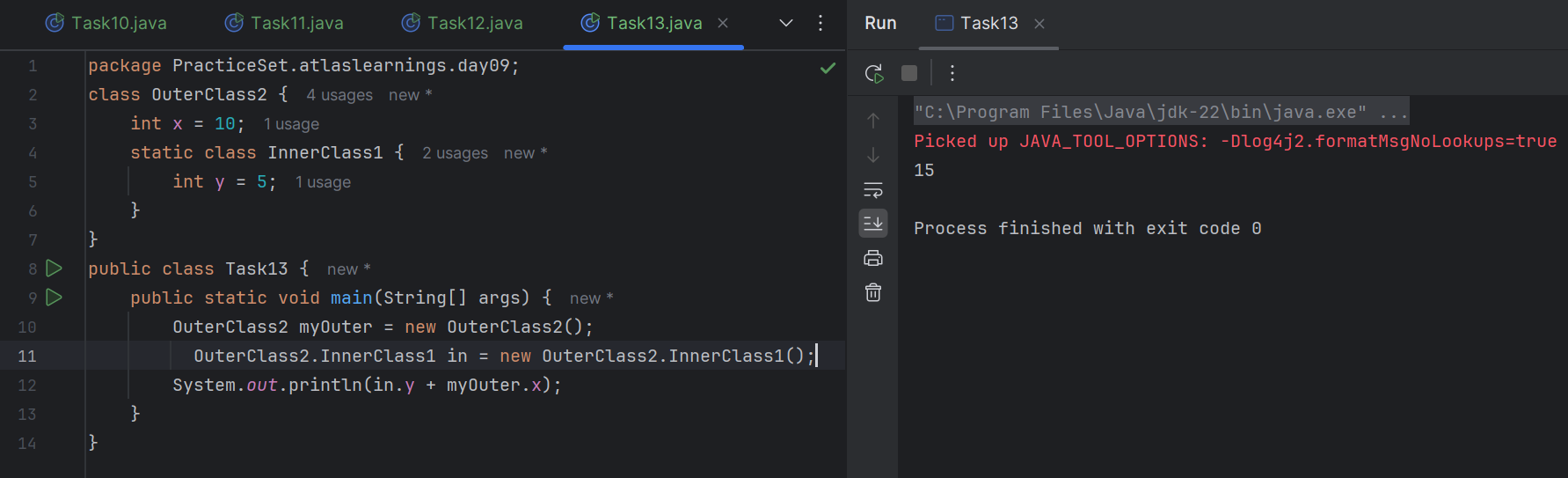


Task 12

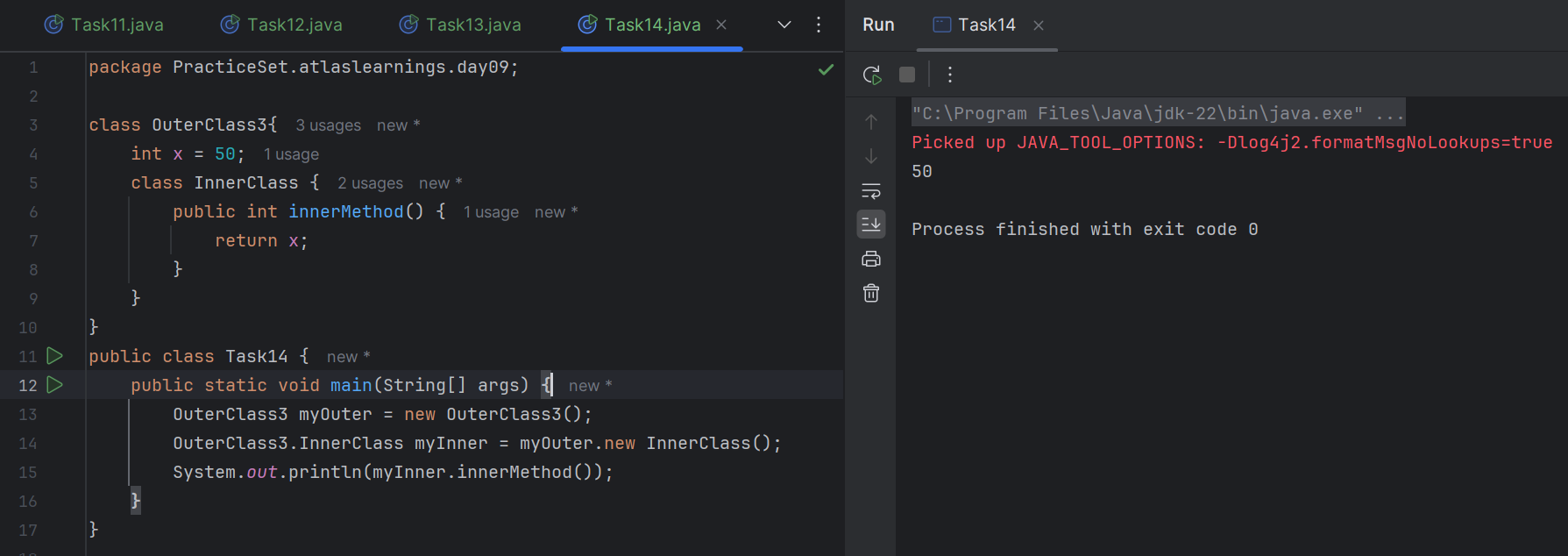


Private classes cannot be accessed outside.

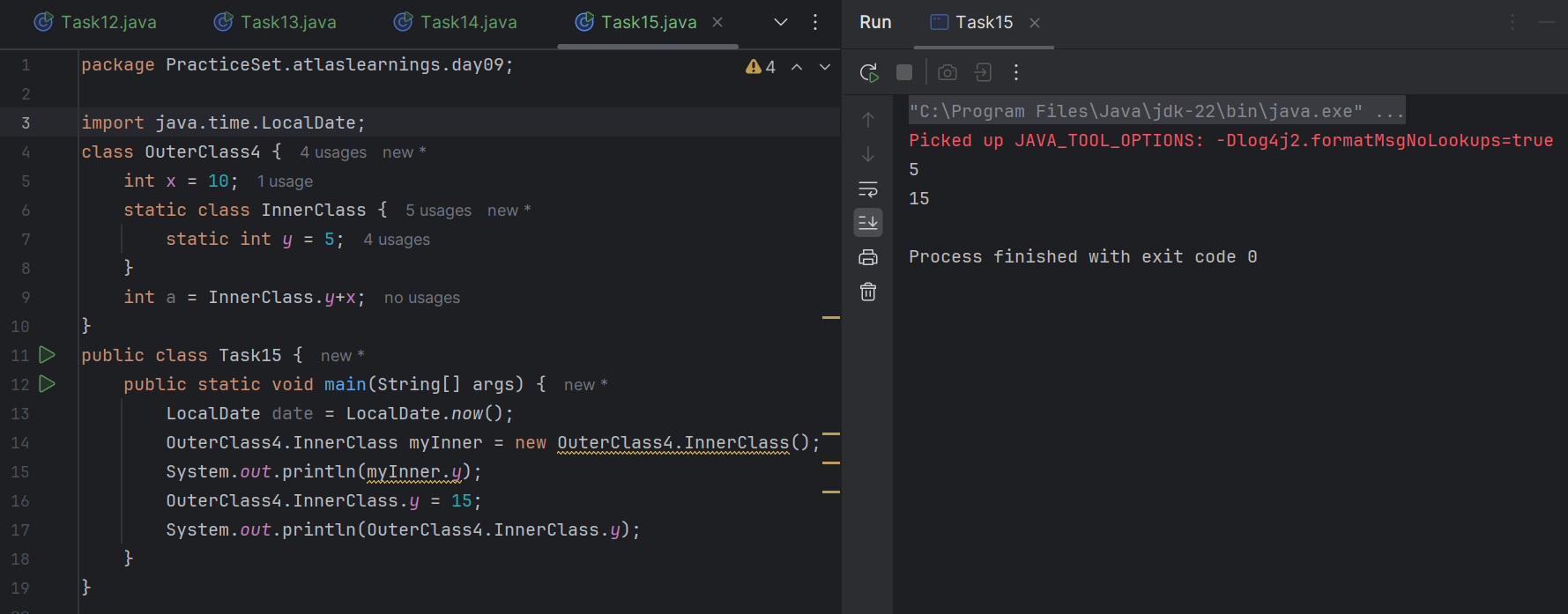
Task 13



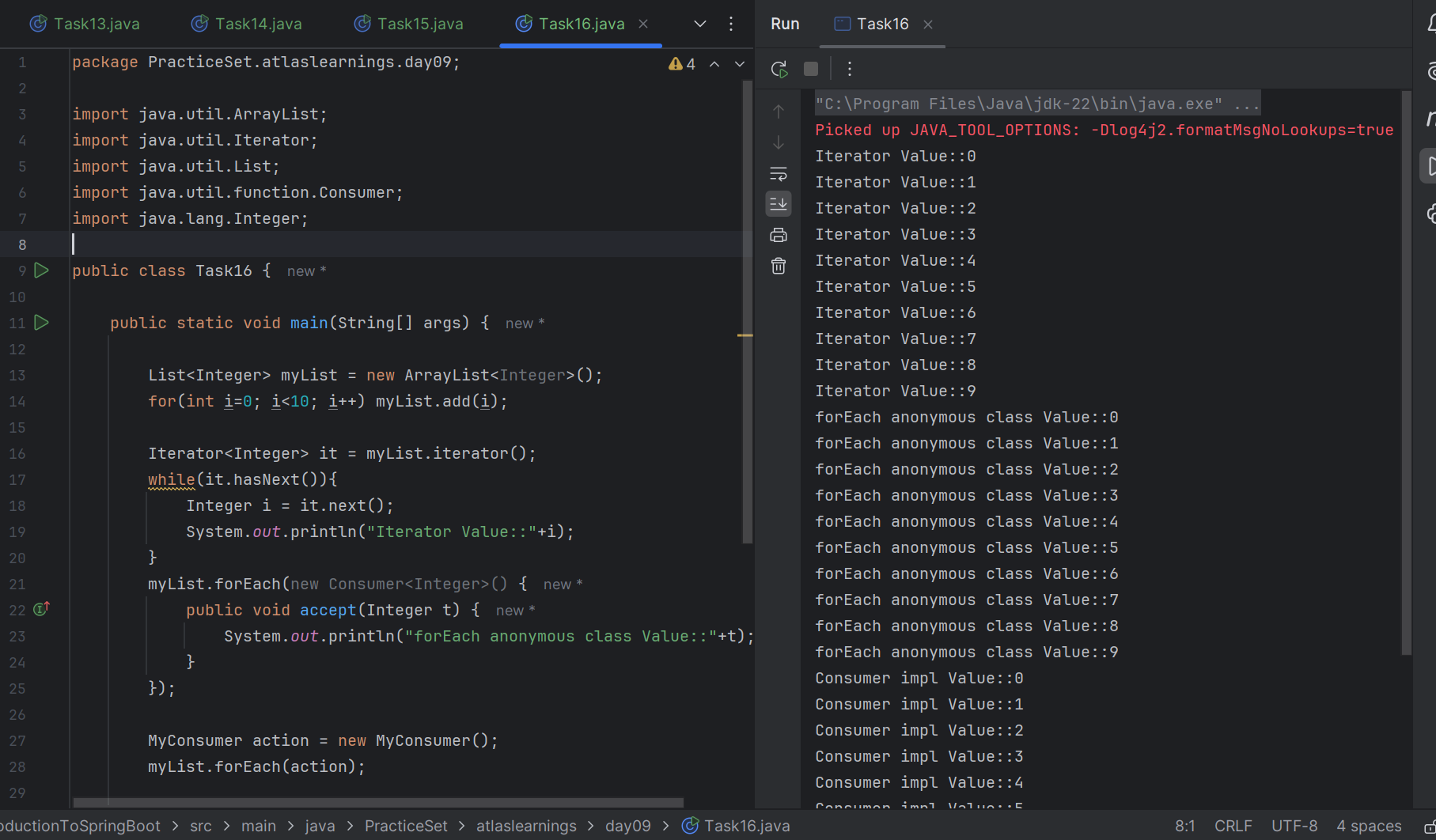
Task 14

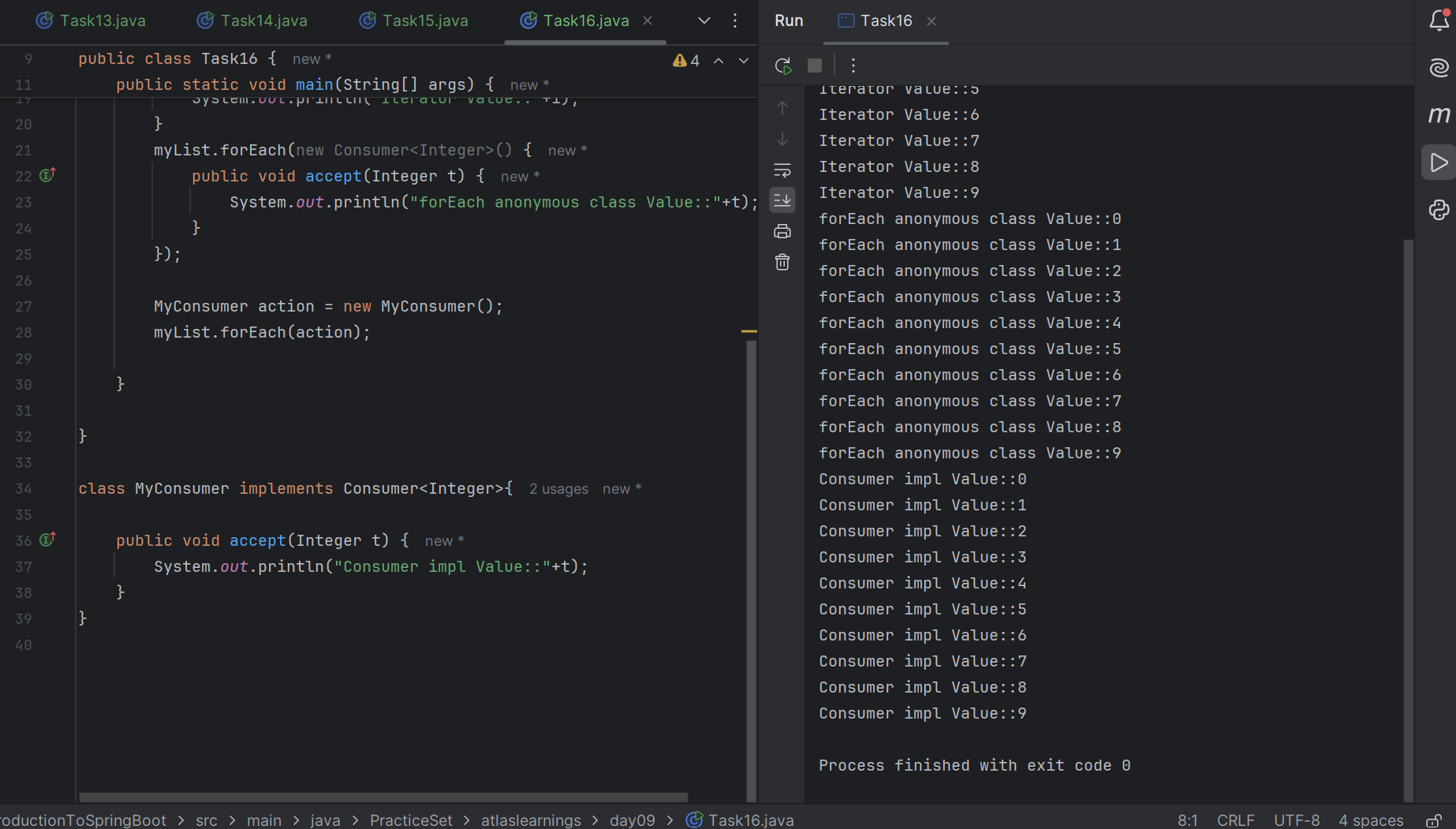


Task 15



Task 16





Task 17

What are the features of Java 8

1. Lambda Expressions

Now we can use shorthand for writing some programs

(a, b) -> a + b

1. Default Method in Interface

Interfaces can have method implementations using the default keyword.

interface MyInterface {

default void show() {

System.out.println("Default implementation");

}

}

1. Static method in Interface

interface MyInterface {

static void print() {

System.out.println("Static method in interface");

}

}

1. Time API
2. Optional Class

Helps avoid NullPointerException by representing optional (nullable) values.

1. Collection API Improvement
2. Concurrency API Improvements
3. forEach() Method in Iterable Interface

Task 20

