The Java Supplier Functional Interface: Case Study ex13

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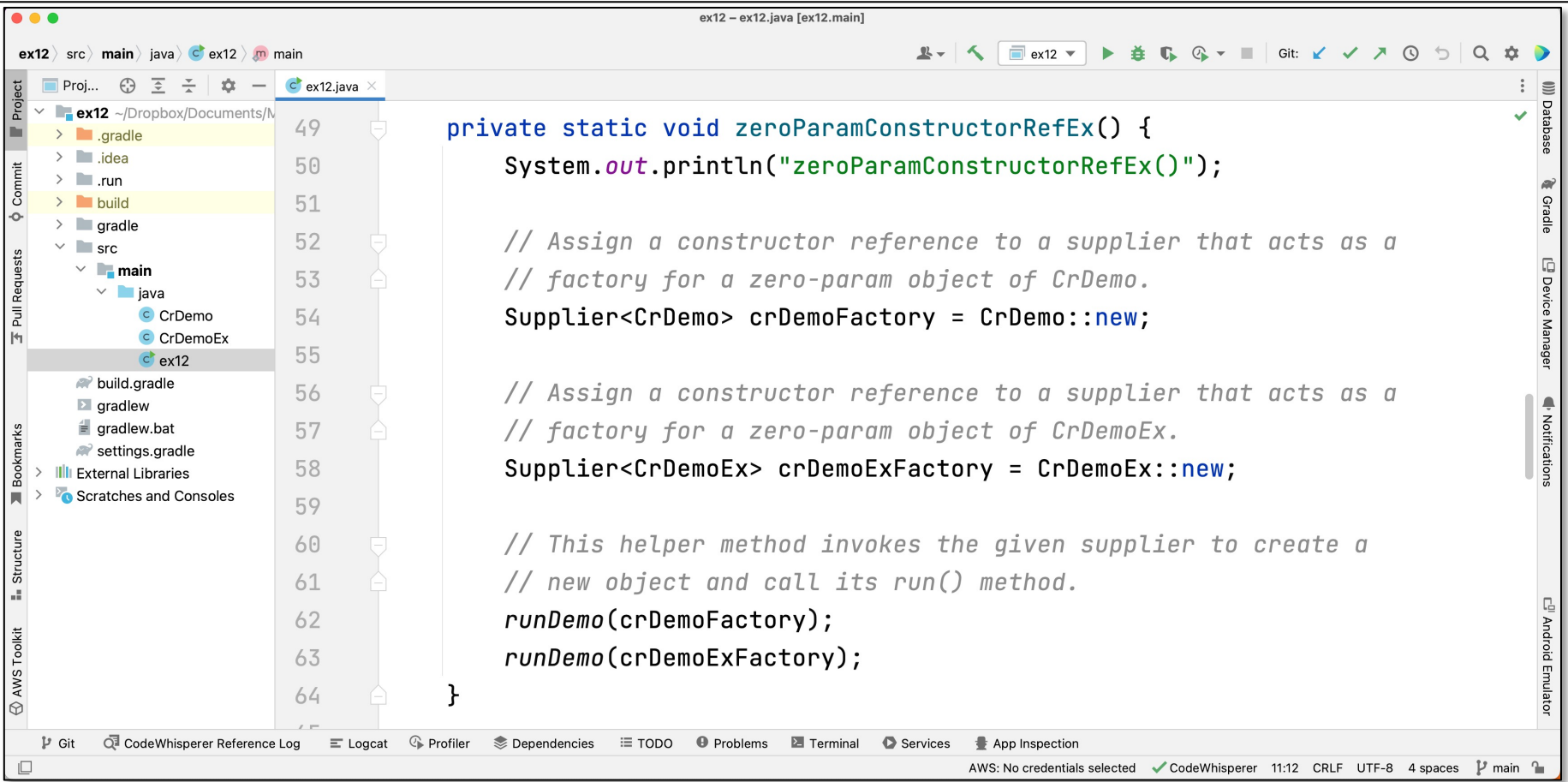# Learning Objectives in this Part of the Lesson

- Know how Java functional interfaces (including a Supplier & a custom functional interface) can be used in conjunction with Java constructor references for constructors with zero parameters & multiple parameters

```java
void zeroParamConstructorRefEx(){
    Supplier<CrDemo> crDemoFactory
        = CrDemo::new;

    Supplier<CrDemoEx>
        crDemoFactoryEx =
            CrDemoEx::new;

    runDemo(crDemoFactory);
    runDemo(crDemoFactoryEx);
}
```

Applying the Supplier Functional Interface with Constructor References

Applying the Supplier Interface with Constructor References

```java
private static void zeroParamConstructorRefEx() {
    System.out.println("zeroParamConstructorRefEx()");

    // Assign a constructor reference to a supplier that acts as a
    // factory for a zero-param object of CrDemo.
    Supplier<CrDemo> crDemoFactory = CrDemo::new;

    // Assign a constructor reference to a supplier that acts as a
    // factory for a zero-param object of CrDemoEx.
    Supplier<CrDemoEx> crDemoExFactory = CrDemoEx::new;

    // This helper method invokes the given supplier to create a
    // new object and call its run() method.
    runDemo(crDemoFactory);
    runDemo(crDemoExFactory);
}
```

See github.com/douglascraigschmidt/ModernJava/tree/main/FP/ex13

End of the Java Supplier Functional Interface: Case Study ex13