The Java Function Functional Interface: Case Study ex9

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Learning Objectives in this Part of the Lesson

- Know how the Java Function functional interface can be used in conjunction with Concurrent HashMap to compute, cache, & retrieve large prime numbers

```
PrimeResult checkIfPrime
   (Integer primeCandidate,
    Map<Integer, Integer> primeCache) {
    var smallestFactor =
      primeCache
         .computeIfAbsent
            (primeCandidate,
             PrimeUtils::isPrime);

     return new PrimeResult
        (primeCandidate,
         smallestFactor);
}
```

See docs.oracle.com/javase/8/docs/api/java/util/function/Function.html

Applying the Java Function Functional Interface

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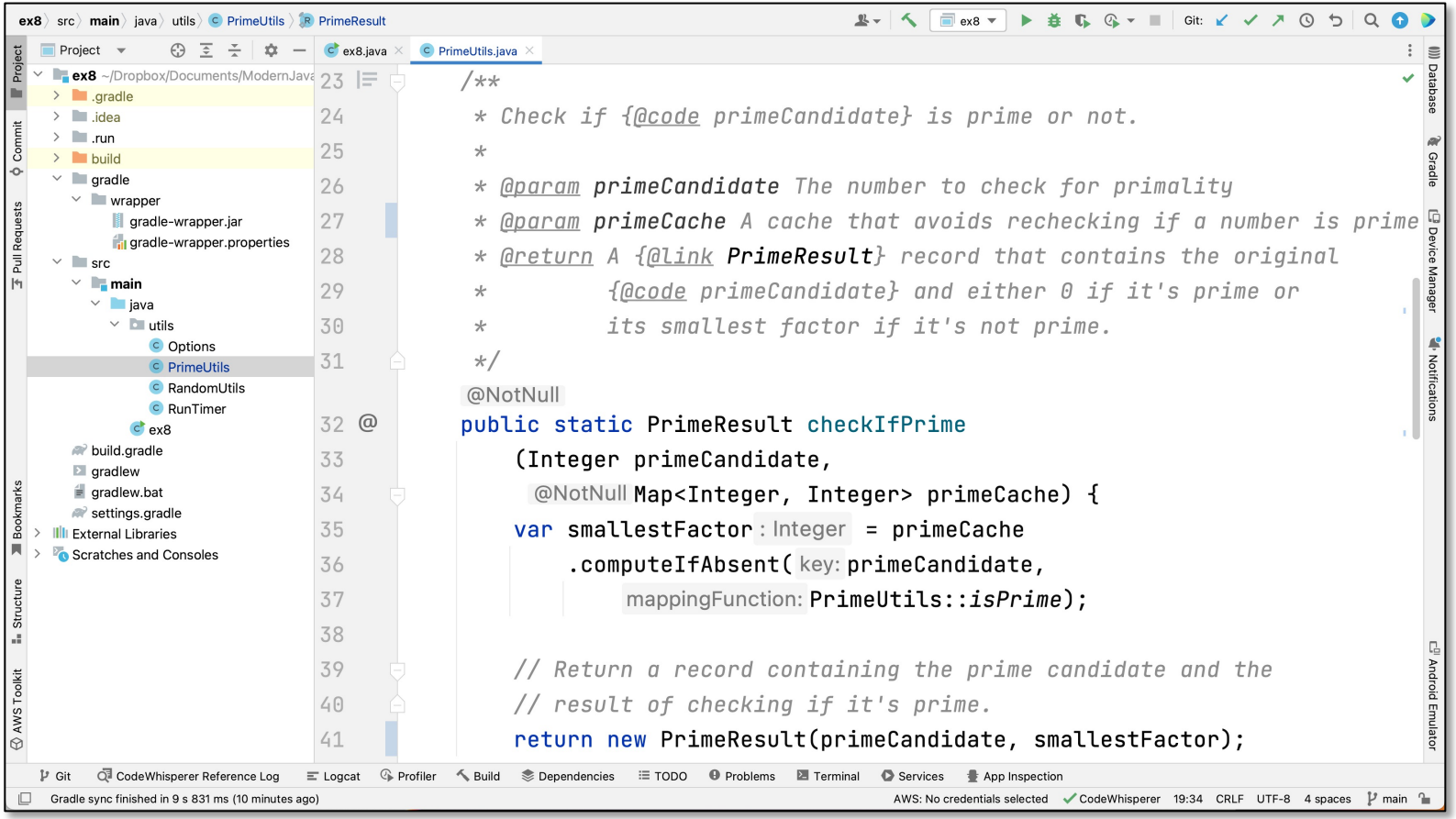

See github.com/douglascraigschmidt/ModernJava/tree/main/FP/ex9

End of the Java Function Functional Interface: Case Study ex9