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# Big Data System Engineering with Scala

## Fall 2022

### Assignment No. 0



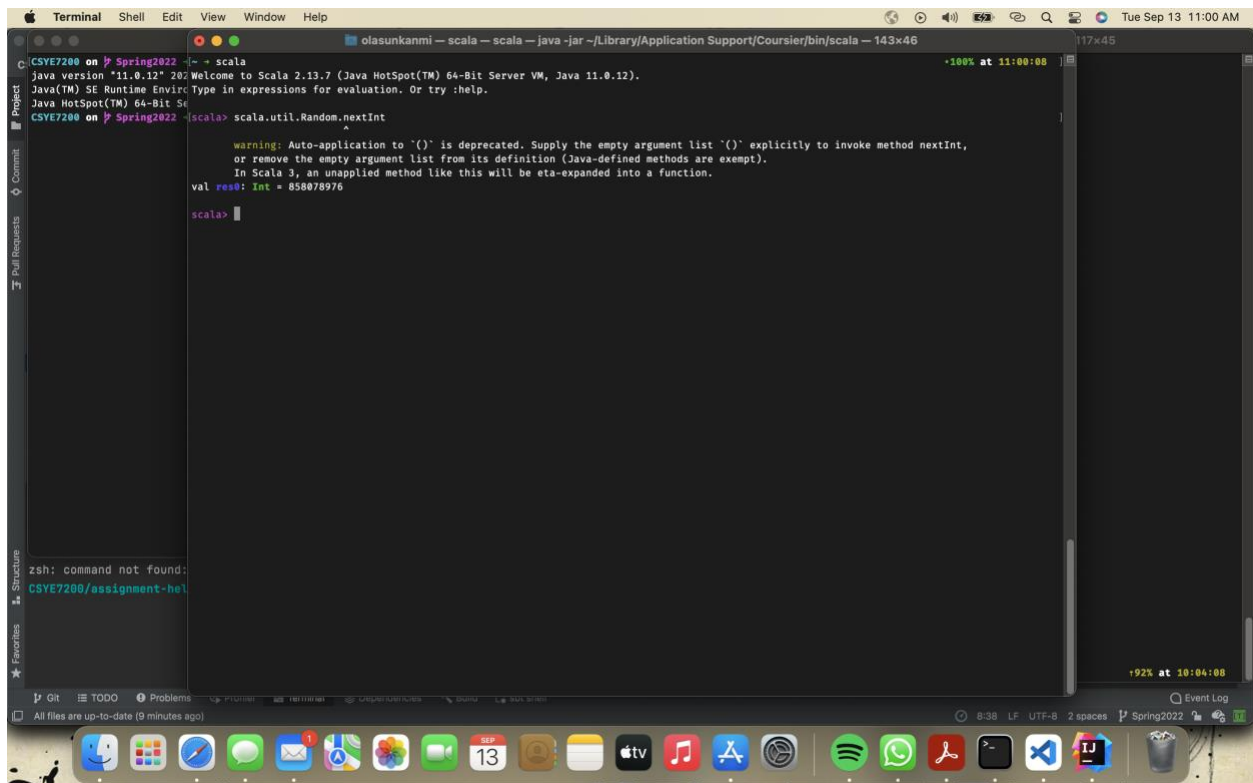
## -List of Tasks Implemented

- Start compiling and running Scala, as well as using REPL
- Run Scala REPL in the command line and run “scala.util.Random.nextInt” to get a random number
- Clone class repository
- Run HelloWorld and Ingest.scala
- Modify Ingest.scala to get the number of movies produced in New Zealand

## -Findings and analysis

- The random number gotten is 858078976
- The number of movies produced in New Zealand is 15

## -Code



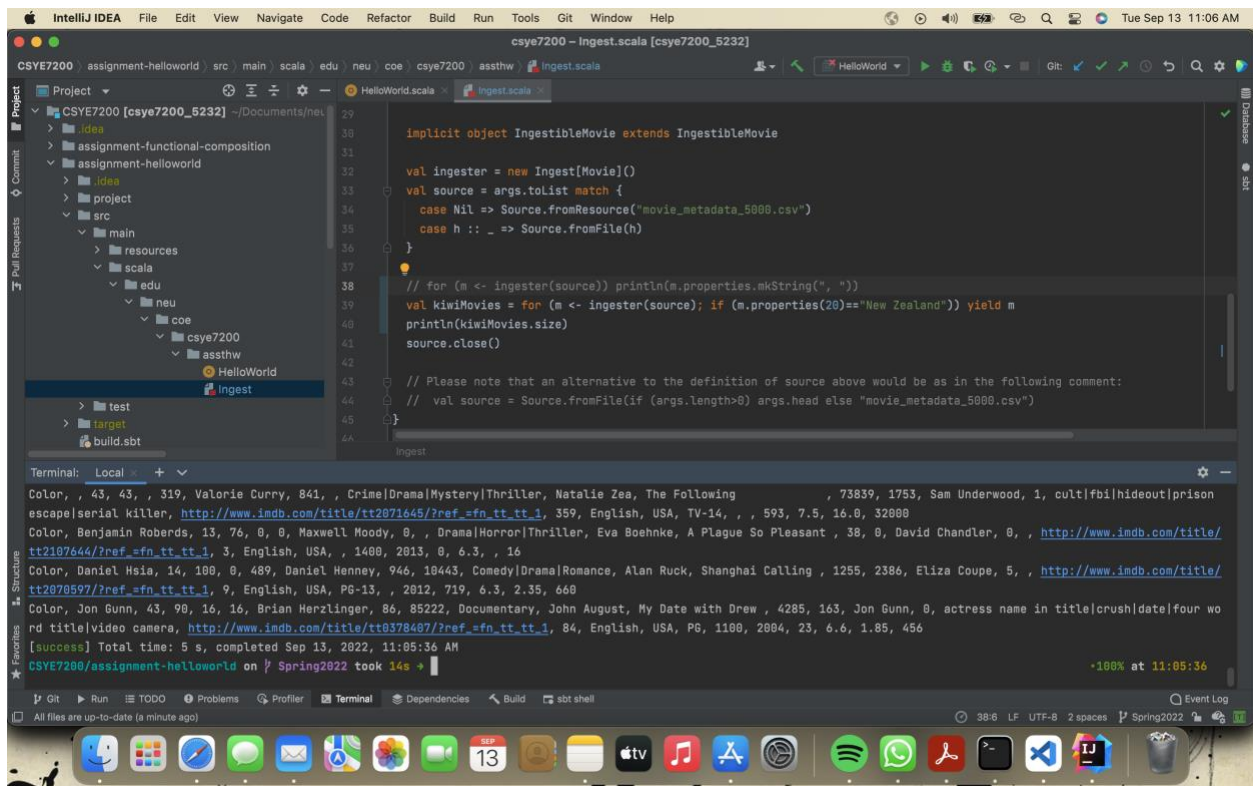
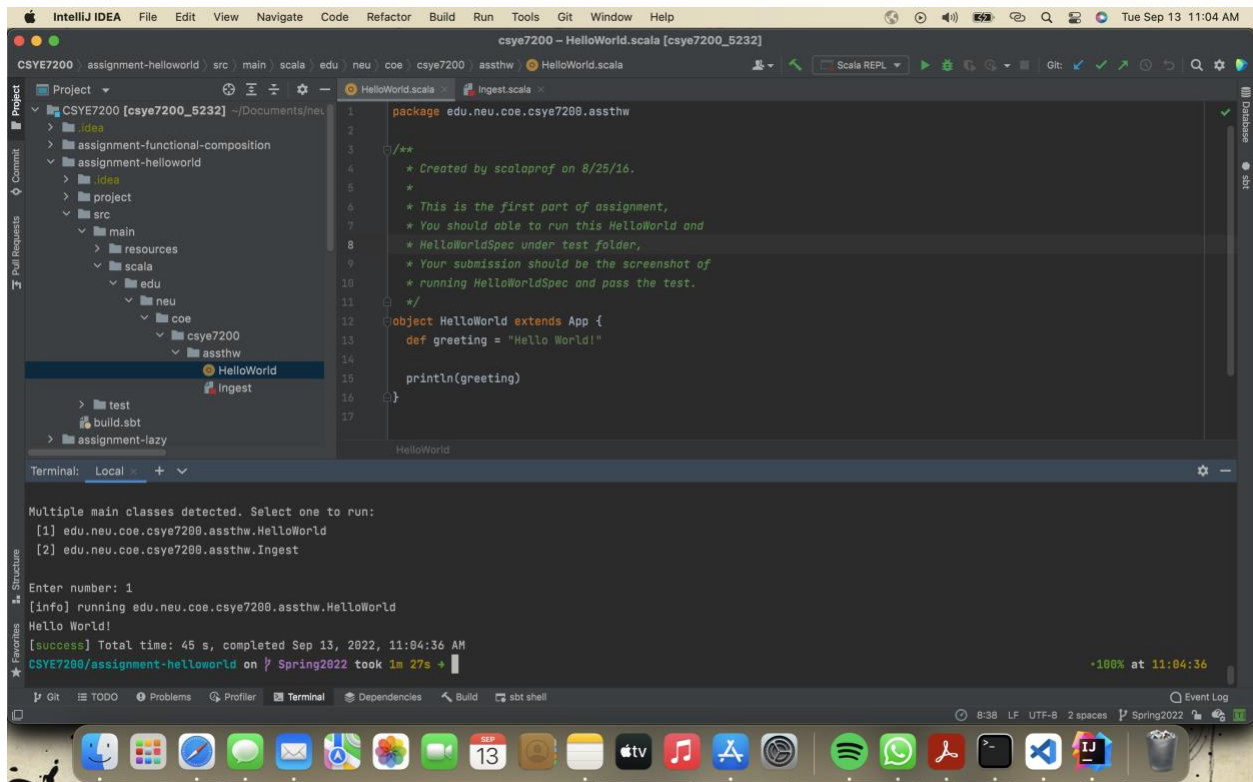
The screenshot shows a macOS terminal window with the following content:

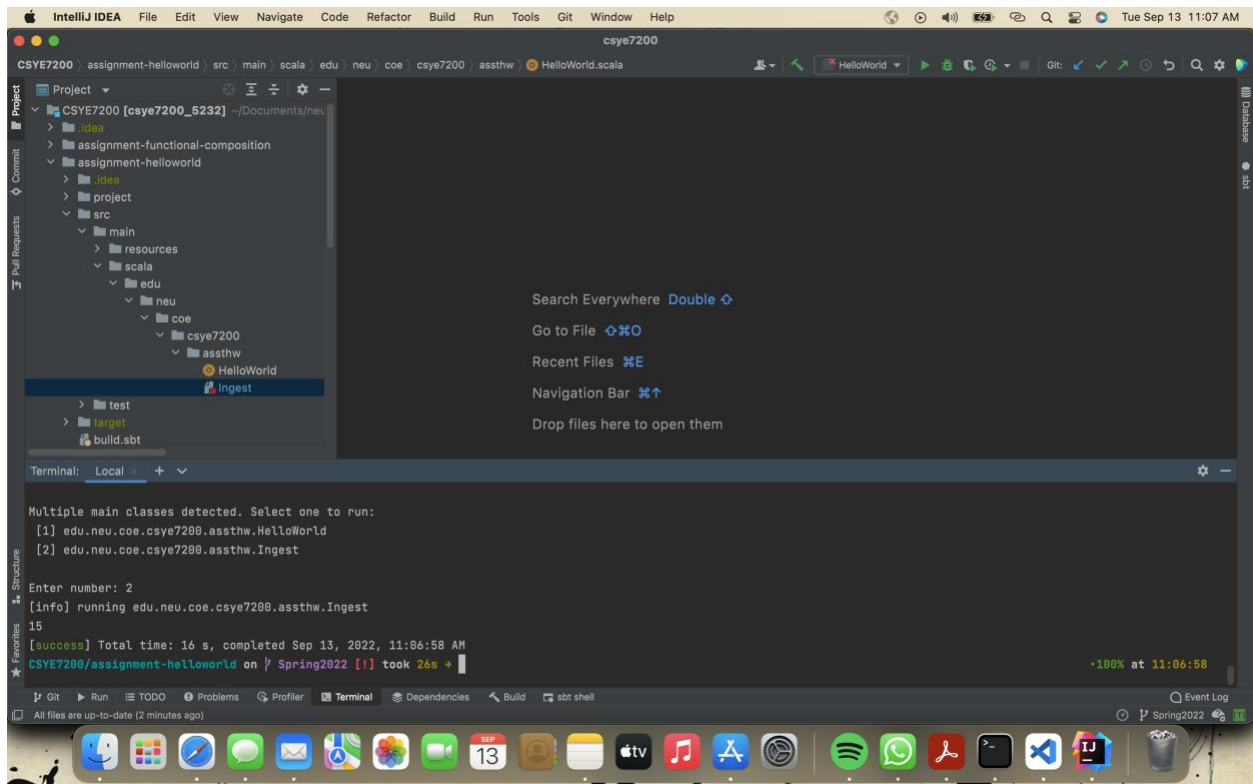
```
olasunkanmi — scala — scala — java -jar ~/Library/Application Support/Coursier/bin/scala — 143x46
CSYE7200 on p Spring2022 ~ - - scala
java version "11.0.12" 20: Welcome to Scala 2.13.7 (Java HotSpot(TM) 64-Bit Server VM, Java 11.0.12).
Java(TM) SE Runtime Envir: Type in expressions for evaluation. Or try :help.
Java HotSpot(TM) 64-Bit Se
CSYE7200 on p Spring2022 ~ [scala> scala.util.Random.nextInt

warning: Auto-application to `()` is deprecated. Supply the empty argument list `()` explicitly to invoke method nextInt,
or remove the empty argument list from its definition (Java-defined methods are exempt).
In Scala 3, an unapplied method like this will be eta-expanded into a function.
val res0: Int = 858078976

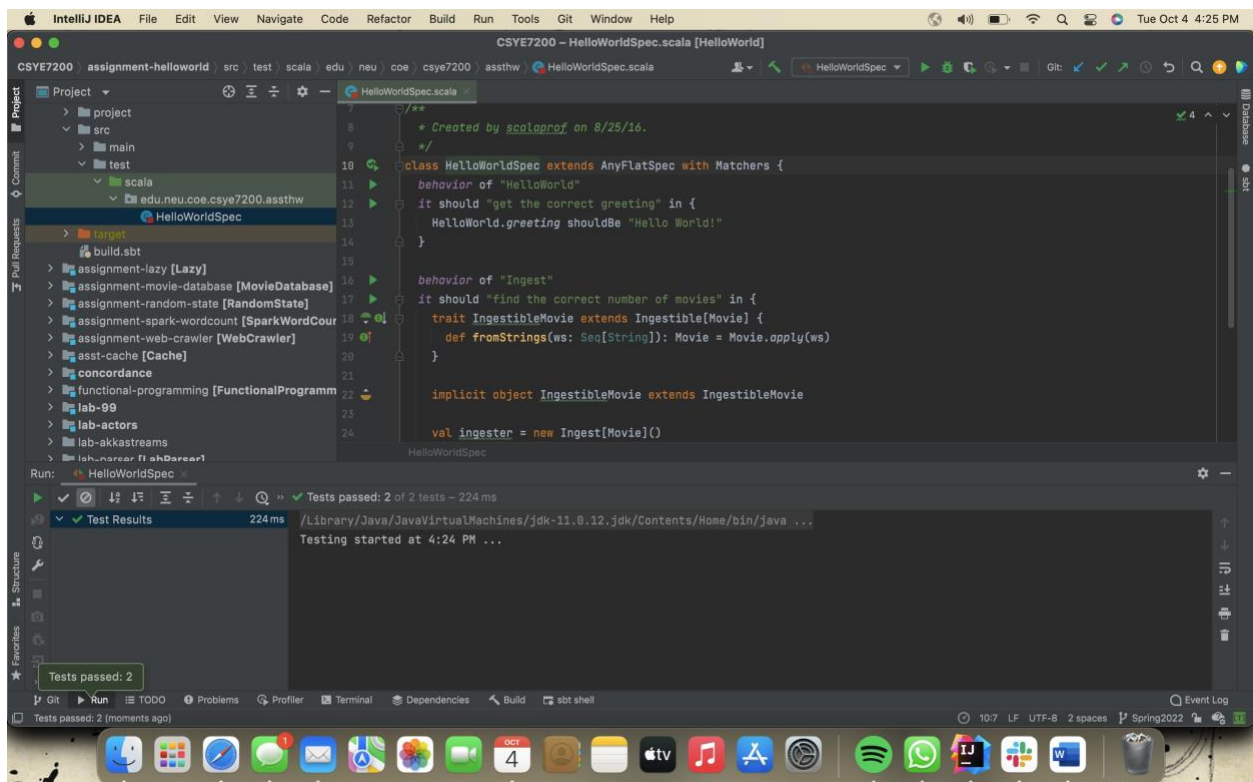
scala> 
```

The terminal window also shows a sidebar on the left with "Project", "Commit", "Pull Requests", "Structure", and "Favorites" sections. The bottom status bar indicates "All files are up-to-date (9 minutes ago)", "8:38 LF UTF-8 2 spaces", and "Spring2022". The macOS dock is visible at the bottom with various application icons.





## -Unit tests



**- Result**

Everything works fine.