

Qinyun Lin – SEC01 (NUID 001582464)  
Big Data System Engineering with Scala  
Spring 2022  
Assignment No. 1



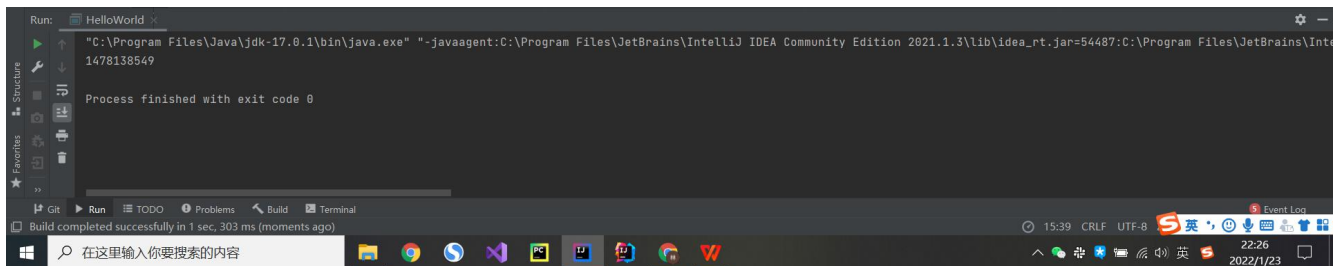
# Task

Ensure a development environment can compile, test and run Scala programs

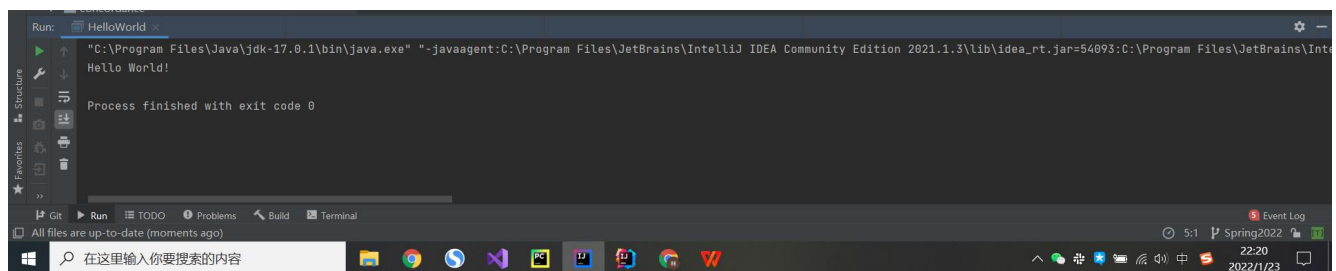
1. Check the result of “scala.util.Random.nextInt”
2. Run “HelloWord”
3. Run “Ingest.scala” and view the list of movies
4. Modify “Ingest.scala” and find movies of “New Zealand”

# Solution

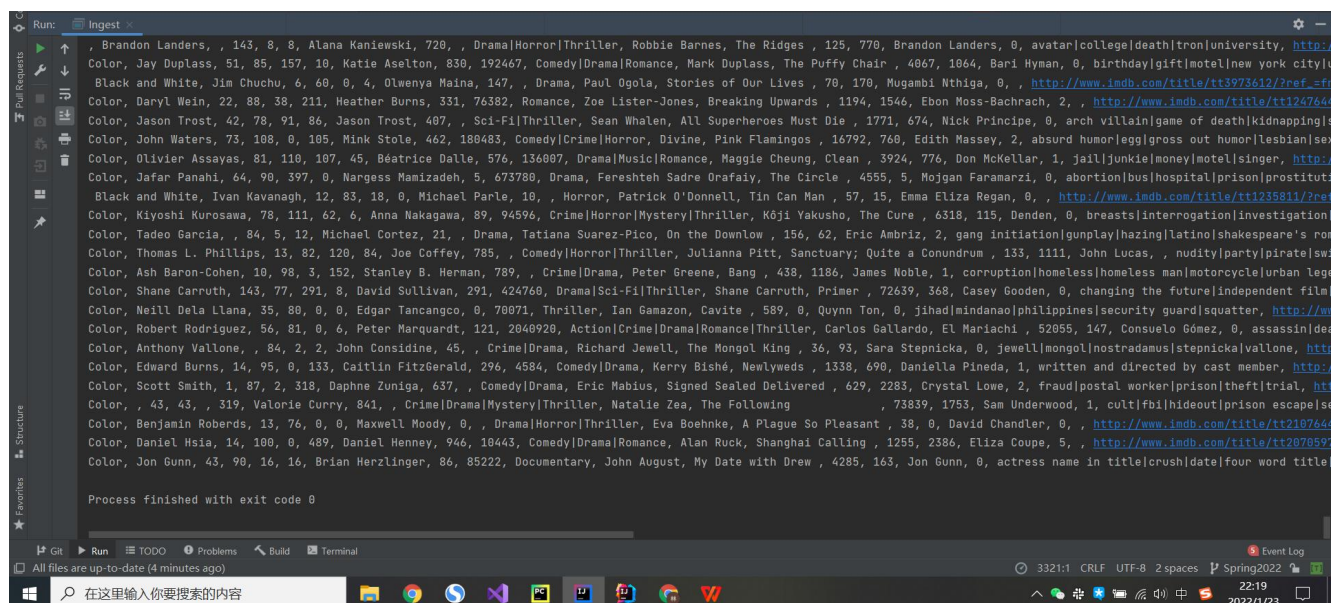
1. Check the result of “scala.util.Random.nextInt”



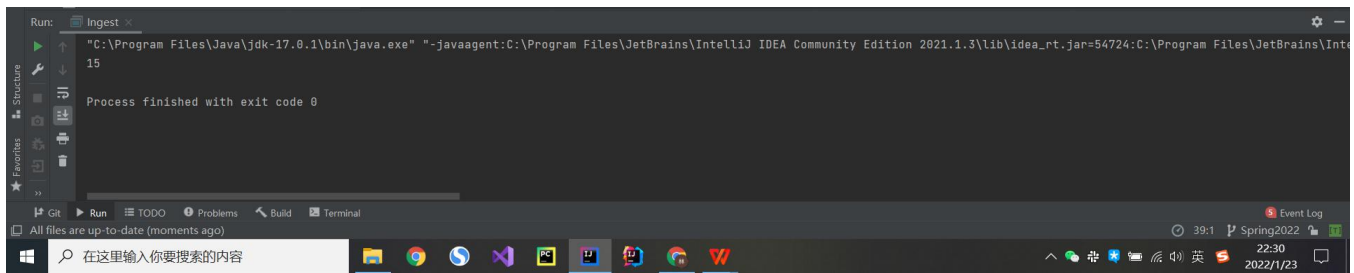
2. Run “HelloWord”



3. Run “Ingest.scala” and view the list of movies



#### 4. Modify “Ingest.scala” and find number of movies of “New Zealand”



```
Run: Ingest x
"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.1.3\lib\idea_rt.jar=54724:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.1.3\bin" -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.1.3\conf -Didea.copyright.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.1.3\copyright -Didea.home.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.1.3\bin -Didea.platform.prefix=IntelliJ -Didea.vendor.id=IntelliJ -Didea.version=2021.1.3 -jar C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.1.3\bin\idea_rt.jar 54724
15
Process finished with exit code 0
```

There are 15 movies are from “New Zealand” in the list.

#### Project Source

<https://github.com/MrNiro/CSYE7200/tree/Spring2022/assignment-helloworld/src/main/scala/edu/neu/coe/csye7200/assthw>