Name: Shamin Chokshi SEC1 (NUID: 002763957)

Big Data System Engineering with Scala Spring 2023 Assignment 5(Functional Composition)

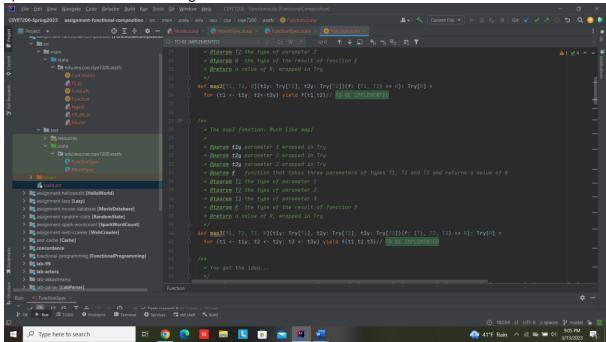


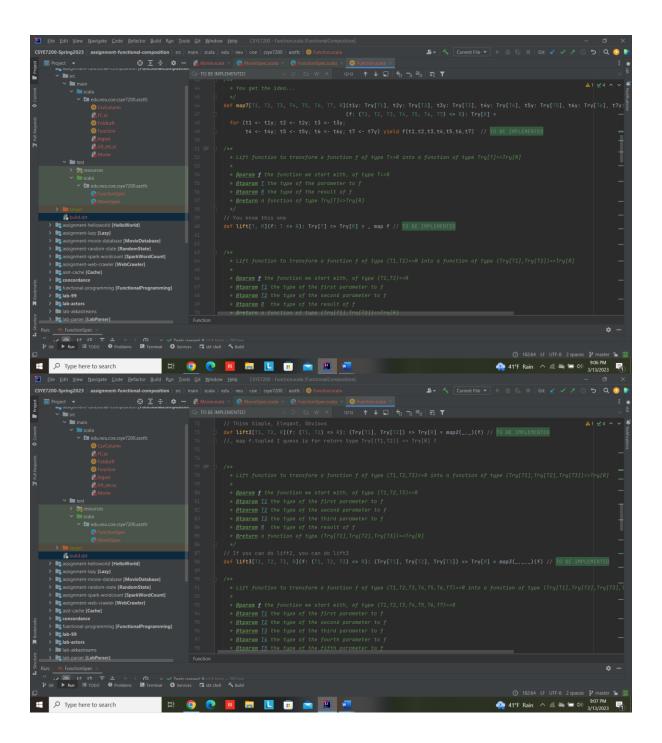
-List of tasks Implemented

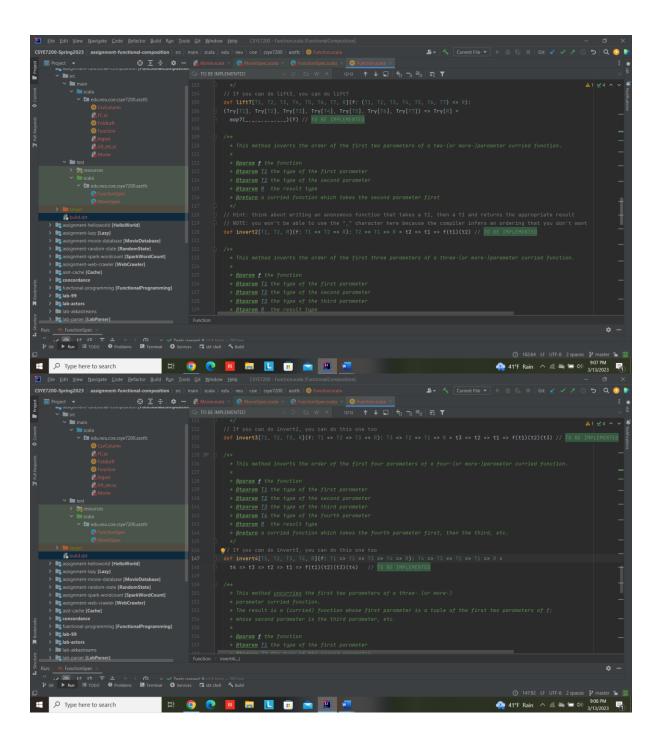
- 1)First I went to the Assignment-functional composition directory and opened Function.scala and Movie.scala where I had to make changes in the code
- 2) The next task was to run the file Moviespec.scala and functionspec.scala to test all the test cases
- Findings and analysis

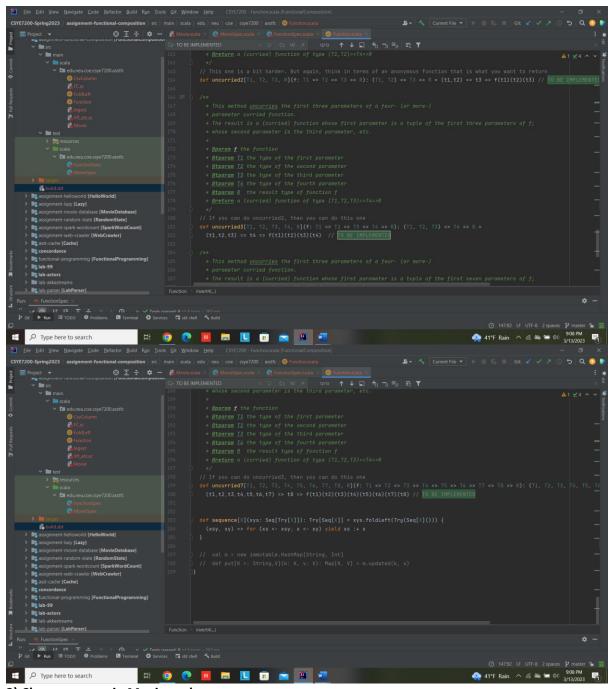
-Code

1) Screenshot of the code changes made in the Function.scala file







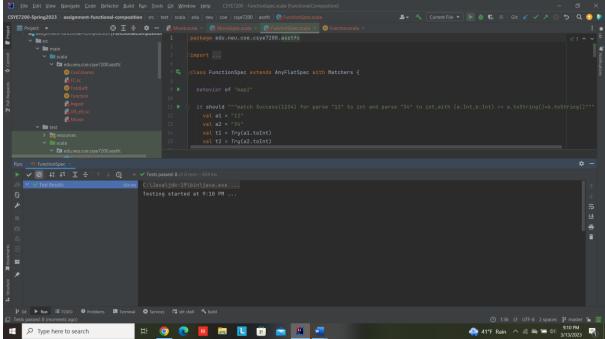


2) Changes mage in Movie.scala

```
trait IngestibleMovie extends Ingestible[Movie] {
   def fromString(w: String): Try[Movie] = Movie.parse(w.split( reg
                                      | Ject MoviesProtocol extense versus
| // 20 points |
|/ To BE IMPLEMENTE|
| implicit val formatisERFormat: RootJsonFormat[Format] = jsonFormat4(Format.apply)
| implicit val productionFormat: RootJsonFormat[Production] = jsonFormat2(Reting.apply)
| implicit val rotimpFormat: RootJsonFormat[Rating] = jsonFormat2(Rating.apply)
| implicit val rowlemsFormat: RootJsonFormat[Raviews] = jsonFormat2(Reviews.apply)
| implicit val nameFormat: RootJsonFormat[Name] = jsonFormat2(Name.apply)
| implicit val movieFormat: RootJsonFormat[Principal] = jsonFormat2(Principal.apply)
| implicit val movieFormat: RootJsonFormat[Movie] = jsonFormat1(Hovie.apply)
🕟 🔟 🚍 🛄 🙃 窗 🖫
```

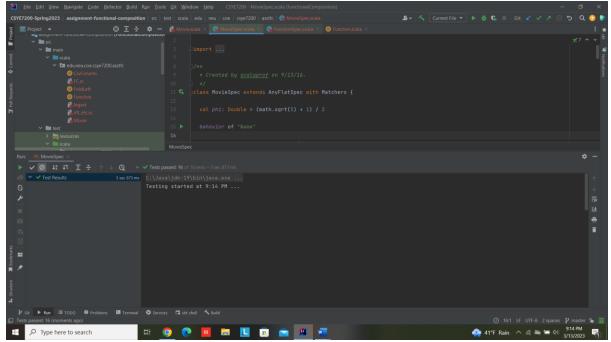
-Unit Tests

1) Screenshot of the file FunctionSpec.scala that was run and I also ran test cases individually It tested and successfully passed 8 Test cases (Please Have a look at the screenshot below with the time)



2) Screenshot of the file MovieSpec.scala that was run and I also ran test cases individually It tested and successfully passed 16 Test cases

(Please Have a look at the screenshot below with the time)



-Result

After observation and running of the code a total of 24 test cases was run 8 in Functionspec.scala and 16 in Moviespec.scala