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# Big Data System Engineering with Scala Spring 2023 Assignment No. 3



## -List of Tasks Implemented

Movie.scala:

Implemented the method to yield a Try[Movie] from a String representing a line of input of the movie database file.

Implemented the method to form a list from the elements explicitly specified (by position) from the given list.

Implemented an alternative apply method for the Rating class such that a single String is decoded.

IngestSpec.scala:

Checked whether xys has exactly one element, consisting of Success(42)

#### -Code

Movie.scala:

#### Line 101:

```
implicit object ParsableMovie extends Parsable[Movie] {

/**

/**

* Method to yield a Try[Movie] from a String representing a line of input of the movie database

* * TODO 11 points.

* * @param w a line of input.

* @preturn a Try[Movie]

*/

def parse(w: String): Try[Movie] = Try(Movie(w.split(regex = ",")))

* def parse(w: String): Try[Movie] = Try(Movie(w.split(regex = ",")))
```

## Line 124:

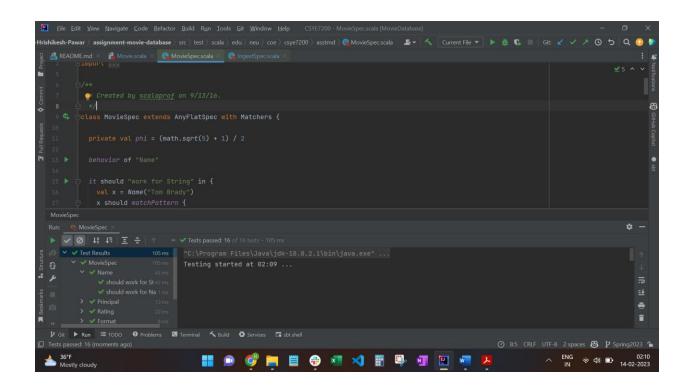
## Line 204:

# IngestSpec.scala:

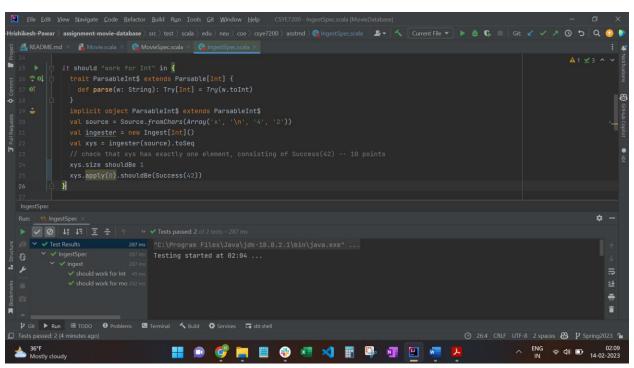
## Line 24:

## -Unit tests

MovieSpec.scala:



## IngestSpec.scala:



# - Result

Successfully implemented all the incomplete methods in Movie.scala and added a test case in IngestSpec.scala.

GitHub Repo URL: <a href="https://github.com/hrishikesh-pawar/CSYE7200-Hrishikesh-Pawar">https://github.com/hrishikesh-pawar/CSYE7200-Hrishikesh-Pawar</a>