Created an Interpreter for executing a list of declarative commands using Java.

In this program a custom interpreter has been implemented in which following 3 commands are allowed:

1. let x = 0
2. x = x + 1
3. print x

In this code, I have created an interpreter in java that reads a file with a declarative language containing variable declarations and simple arithmetic operations. These commands are then executed and the result is displayed. I have also created unit tests to ensure that code is working properly and within defined constraints and have use [GitHub](http://www.github.com) to manage my solutions.

Syntax error checking is also included in this code.

Extra features:

* Variable arithmetic i.e. x = x + y
* Immediate printing i.e. print 1
* Subtraction functionality x = y – z
* Multiplication functionality z = z \* y
* Division functionality z = 9 / 3 , z = x / 3 , z = x / y

There are total 3 modules in the program:

1. ReadFile
2. CustomInterpreter
3. TestInterpreter

ReadFile class is used for read the file and then in the CustomInterpreter class this is stored in a String array and then is being interpreted. The main logic lies in CustomInterpretor class. TestInterpreter just creates 2 test cases for correct syntax and for syntax errors.