Lab #02

Durr-e-Najaf

Advanced Programming

2015

BSCS-2B

SEECS

2/25/2015

Creating an Interpreter for executing a list of declarative commands using Java or C++.

In this lab, I have created an interpreter in Java that reads a file with a declarative language containing variable declarations and simple arithmetic operations.

This code:

* Reads a file whose path is hard-coded.
* Reads the declaration.
* Points out syntax errors in the file.

Language used:

* Java

Software used:

* Eclipse

Unit tests:

I have included the following tests:

* One file with no syntax errors.
* One file with false declarations.
* One file with false calculations.