

Scanner Output

Test Case – Fibonacci Series

In this folder, there exists three files namely;

- Scannergrammer.txt
- fibonacci.micro
- Fibonacci.out

Scanner Grammar

This file contains the grammar that is available at the scanner level of the compiler. It contains every predefined language and format for the code.

Fibonacci Micro File

This file contains a micro file that is a basic fibonacci series that can be tested using java or c++ language compilers.

Using c++ the code can be tested using;

Micro fibonacci.micro > fibonacci.scanner

Using java;

java -cp classes/:lib/antlr.jar Micro fibonacci.micro > fibonacci.scanner

Fibonacci output file

This output file is gotten after running the above commands. The output file contains a predefined format that identifies grammar from the fibonacci micro file and selects the resultant type from it.

Sample output example

Token Type: IDENTIFIER

Value: input

Token Type: OPERATOR

Value: :=

Token Type: STRINGLITERAL

Value: "Please input an integer number: "

Token Type: OPERATOR

Value: ;

Token Type: KEYWORD

Value: STRING