

Project 2 - Table-driven scanner - part 2

CS 4481

Create a table file for a language called Pasca.

Write a table file for Pasca

1. Pasca is a language created for this assignment. Pasca has the following tokens (note that upper-case characters are not used and ' is a single-quote):
 - identifier: $[a-z]([a-z] | [0-9])^*$
 - string: $'(\^'|''|^)*'$
 - integer: $[1-9][0-9]^*$
 - delimiter: $;\{|}\|.$
 - comment: $_(\^*|\^+^)\^*_$
2. You will use the same code you developed in project 1. Replace your *main.cpp* with the included *main.cpp* (you will want to make a backup copy first).
3. Using *data/register.table* as an example, develop *pasca.table* to match the above language specification. This will require first building a DFA to recognize the above language.
4. It is possible that your scanner still has bugs in it and that you'll have to modify *Scanner.java* in order for your language to be scanned. When you do this, keep in mind that you will not be submitting *Scanner.java*.
5. To test, uncomment appropriate tests in *main.cpp* and choose Run > Run project (or press F6).
6. Your project is ready to turn in once you pass all 24 tests. Submit only *pasca.table*. Do not rename the file. Do not submit any other files. Do not zip your project together and submit it. Submit only the one file.

Scoring

You will be graded on how many tests your code passes. The input files when grading will be similar to the test files you are using.