DARIUS HOOKS

COMP 333

PROJECT #1

SEPTEMBER 22, 2016

RESULTS FROM TEST CASES

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//TEST CASE 1 //String s = "x = 12.78 ; y = apple + 5 \* orange;z=3\*(4 \* y) "

Input String: 'x = 12.78 ; y = apple + 5 \* orange;z=3\*(4 \* y) '

Token List

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IDENTIFIER x

ASSIGNMENT

FLOAT 12.78

SEMICOLON

IDENTIFIER y

ASSIGNMENT

IDENTIFIER apple

PLUS

INTEGER 5

TIMES

IDENTIFIER orange

SEMICOLON

IDENTIFIER z

ASSIGNMENT

INTEGER 3

TIMES

LEFTPAREN

INTEGER 4

TIMES

IDENTIFIER y

RIGHTPAREN

//TEST CASE 2 //String s = "read write 34 +5.678 -789.001 goodread+-\* "

Input String: 'read write 34 +5.678 -789.001 goodread+-\* '

Token List

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KEYWORD read

KEYWORD write

INTEGER 34

PLUS

FLOAT 5.678

MINUS

FLOAT 789.001

IDENTIFIER goodread

PLUS

MINUS

TIMES

//TEST CASE 3 //String s = " int y = 7 ; double z = 78.01 "

Input String: ' int y = 7 ; double z = 78.01 '

Token List

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IDENTIFIER int

IDENTIFIER y

ASSIGNMENT

INTEGER 7

SEMICOLON

IDENTIFIER double

IDENTIFIER z

ASSIGNMENT

FLOAT 78.01

//TEST CASE 4 //String s = " qwerty := 1234"

Input String: ' qwerty := 1234'

Token List

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IDENTIFIER qwerty

Error at index 8

//TEST CASE 5 //String s = " total is 23. dollars "

Input String: ' total is 23. dollars '

Token List

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IDENTIFIER total

IDENTIFIER is

Error at index 12

//TEST CASE 6 //String s = "x = art2.1b"

Input String: 'x = art2.1b'

Token List

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IDENTIFIER x

ASSIGNMENT

IDENTIFIER art2

Error at index 8

//TEST CASE 7 //String s = " "

Input String: ' '

Token List

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EMPTY TOKEN LIST