

Name: *Orion Hess*

Assignment: 1

Complete and Correct:	20 / 20
Testing:	4 / 5
Clean Code:	2 / 2
Writeup:	3 / 3

Total Score:	29 / 30
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Comments:

1. (-1) missing an additional test case

Unit test output:

```
[INFO] Scanning for projects...
[INFO]
[INFO] -----< cpssc326:cpssc326-mypl >-----
[INFO] Building cpssc326-mypl 1
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ cpssc326-mypl ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/matt/Space/s25/cpsc326/hw1/hw1-imaducklol/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ cpssc326-mypl ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ cpssc326-mypl ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/matt/Space/s25/cpsc326/hw1/hw1-imaducklol/src/test/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ cpssc326-mypl ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 3 source files to /home/matt/Space/s25/cpsc326/hw1/hw1-imaducklol/target/test-classes
[INFO]
[INFO] --- maven-surefire-plugin:3.3.1:test (default-test) @ cpssc326-mypl ---
[INFO] Using auto detected provider org.apache.maven.surefire.junitplatform.JUnitPlatformProvider
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running cpssc326.LexerTests
[INFO] Tests run: 33, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.056 s -- in cpssc326.LexerTests
[INFO] cpssc326.LexerTests.invalidID -- Time elapsed: 0.021 s
[INFO] cpssc326.LexerTests.comparatorSymbols -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.basicDoubleLiterals -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.oneSymbolThenEOS -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.basicIntLiterals -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.otherReservedWords -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.oneCharacterStrings -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.missingDoubleDigit -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.invalidSymbol -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.oneSymbolPerLine -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.emptyInput -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.tokensWithNoSpaces -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.specialLiterals -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.oneCommentThenEOS -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.arithmeticSymbols -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.numbersWithNoSpaces -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.nonTerminatedString -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.unrecognizedSymbolWithExtras -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.loopStatementReservedWords -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.logicalOperators -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.malformedDoubleLiterals -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.twoComments -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.ifStatementReservedWords -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.invalidSymbolCombination -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.unrecognizedSymbol -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.basicIdentifiers -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.oneSymbol -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.multiCharacterStrings -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.punctuationSymbols -- Time elapsed: 0 s
[INFO] cpssc326.LexerTests.leadingZero -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.tokensWithComments -- Time elapsed: 0.001 s
[INFO] cpssc326.LexerTests.excessiveWhitespaceWithTabs -- Time elapsed: 0 s
```

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[INFO] cp326.LexerTests.primitiveTypeNames -- Time elapsed: 0 s
[INFO] Running cp326.HW1Tests
[INFO] Tests run: 29, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.022 s -- in cp326.HW1Tests
[INFO] cp326.HW1Tests.invalidID -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.comparatorSymbols -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.basicDoubleLiterals -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.oneSymbolThenEOS -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.basicIntLiterals -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.otherReservedWords -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.oneCharacterStrings -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.missingDoubleDigit -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.invalidSymbol -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.oneSymbolPerLine -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.emptyInput -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.tokensWithNoSpaces -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.specialLiterals -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.oneCommentThenEOS -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.arithmeticSymbols -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.numbersWithNoSpaces -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.nonTerminatedString -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.loopStatementReservedWords -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.logicalOperators -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.twoComments -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.ifStatementReservedWords -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.invalidSymbolCombination -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.basicIdentifiers -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.oneSymbol -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.multiCharacterStrings -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.punctuationSymbols -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.leadingZero -- Time elapsed: 0.001 s
[INFO] cp326.HW1Tests.tokensWithComments -- Time elapsed: 0 s
[INFO] cp326.HW1Tests.primitiveTypeNames -- Time elapsed: 0 s
[INFO] Running cp326.TokenTests
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.006 s -- in cp326.TokenTests
[INFO] cp326.TokenTests.basicTokenCreation -- Time elapsed: 0.004 s
[INFO] cp326.TokenTests.correctLineColumnTokenCreation -- Time elapsed: 0 s
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 64, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.491 s
[INFO] Finished at: 2025-02-05T17:58:12-08:00
[INFO] -----

```

Program output:

```
./mypl -m LEX examples/hw1_tokens.mypl | diff -w examples/hw1_tokens.out - > out 2>&1
```