

Assignment 2 – Grading Criteria

PIPELINE POINTS (20 POINTS)

- *The student's submitted file will be converted to a C file using Flex. This C file will then be compiled into an executable. These steps should not cause any errors. Since this assignment was so small, no partial credit is granted. However, I will still try to fix small errors if I can see your intent.*
- Flex generates C file from student's lex file – 10 points
- C file can be compiled into executable – 10 points

EXECUTION POINTS (50 POINTS)

- *The executable will be tested on 2 input files.*
- Test Case 1 (*NumbersTest.pas*) – 20 points
 - There are 10 real numbers in scientific notation in this code
 - Each is worth 2 points
- Test Case 2 (*PascalSLex.pas*) – 30 points
 - There are 3 "%", 3 "//", 3 "++", 3 "--", and 3 real numbers with exponent
 - Each token is worth 2 point

FLEX IMPLEMENTATION DETAILS (30 POINTS)

- *We are looking for correct functionality (at least conceptually).*
- Handles exponents in numbers – 15 points
- Handles percent sign (%) – 5 points
- Handles double slash (//) – 5 points
- Handles ++ and -- – 5 points

NOTES:

- If the assignment was submitted up to 24 hours late, there is a 10% deduction from the final grade; submitting between 24 – 48 hours late results in a 20% deduction.