

Yacc Laboratory 5&6

Lab 5

Create a program to analyze the correctness of the syntax of simplified C++. In this task, perform a validator for declarations of variables of simple types such as int, float, string, etc., and pointers. 6 Variables can be initialized. The initialization value can be given directly or be the result of an expression calculation. Multiple declarations (separated by commas) in a single statement are not valid. After the expression is entered, the program should print “OK” or “ERROR”, depending on whether the declaration was grammatically correct.

Lab 6

A simple analyzer of function declarations in C++. Each declaration is given on a separate line. The headers themselves should be validated. Take the functions from the input file, while write the results in the output file or on the screen. A correct analysis prints the word “OK” to the output, while an incorrect one prints the word “ERROR” and (possibly) a more detailed comment.