**Statement**: For the domain specific programming language from Lab 1, perform lexical analysis. Use lex, flex, Python regex

Input: list of tokens, source program (see lab 2)

Output: Program Internal Form (PIF), Symbol Table (ST), lexical errors

**Requirement 1**: produce output

**Requirement 2**: ST management in C – BST, hash table

**Delivery time**: 1 week

**Deliverables:**

* Source code
* 1 doc – documentation – explain use of tools, lexical tokens detection – identifiers, constants, data structures and operations for ST management