FLCD Seminar 2 – Scanning

Monday, October 05, 2020   1:32 PM

Input: source code + lexical tokens
Output: PIF, ST, lex. err

Input source:

Program test;
Var a : integer;
Begin
  a:= b + 1;
End.

Outputs:

PIF

```
Token   ST_pos
--------------------
Program  -1
Id         0
;          -1
Var        -1
Id         1
:          -1
Integer    -1
;          -1
Begin      -1
Id         1
:=         -1
Id         2
+          -1
Const       3
;          -1
End        -1
.          -1
```

ST (only id & const)

```
ST_pos   symbol
----------------------
0        test
1        a
2        b
3        1
```