```
Lab8 - LEX/FLEX
```

user code

Github: https://github.com/ecaterinacatargiu/courses/tree/main/FLCD/Lab8

```
At this lab I used the following "schema": definitions

%%

rules

%%
```

I used the following commands to make it work:

lex lab8.lxi

gcc lex.yy.c -o main

./main p1.cati

Furthermore, I had to treat some error and I chose the 'Expected end of string'.

Bellow you can see a short demo for a correctly written program and one with errors:

With the following result:

```
cati98@DESKTOP-PRM8G3D:~/FLCD/Lab8lex$ lex lab8.lxi
cati98@DESKTOP-PRM8G3D:~/FLCD/Lab8lex$ gcc lex.yy.c -o main
cati98@DESKTOP-PRM8G3D:~/FLCD/Lab8lex$ ./main p2.cati
A reserved word: intreg
An identifier at line: n
A reserved word: intreg
An identifier at line: suma
A reserved word: intreg
An identifier at line: i
An identifier at line: suma
An operator: este
Constant at line 3
An identifier at line: i
An operator: este
Constant at line 4
A reserved word: pt
A separator: [
An identifier at line: i
A separator: /
An identifier at line: i
An operator: <
An identifier at line: n
A separator: /
An identifier at line: i
An operator: ##
A separator: ]
An identifier at line: suma
An operator: =:=
An identifier at line: suma
A reserved word: aduna
An identifier at line: suma
A reserved word: dainapoi
An identifier at line: suma
```

2. The one with issues:

With the result:

```
A reserved word: intreg
An identifier at line: n
A reserved word: intreg
Expected end of string on line 1
An identifier at line: uma
A reserved word: intreg
An identifier at line: i
An identifier at line: suma
An operator: este
An identifier at line: i
An operator: este
Constant at line 4
A reserved word: pt
A separator: [
An identifier at line: i
A separator: /
An identifier at line: i
An operator: <
An identifier at line: n
A separator: /
An identifier at line: i
An operator: ##
A separator: ]
An identifier at line: suma
An operator: =:=
An identifier at line: suma
A reserved word: aduna
An identifier at line: suma
A reserved word: dainapoi
An identifier at line: suma
```