

Lexical analyzer

Group 11

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output is like:

```
dnysdk@dnysdk-Inspiron-3542:~/Desktop/programming language_lab$ python Group_11_lexical_analyzer.py
enter the name of file
input.imp

int a , q ; int b ; char c ; if ( a >= b ) {   b = c ; }

////////////////tokens list////////////////
['int', 'a', ',', 'q', ';', 'int', 'b', ';', 'char', 'c', ';', 'if', '(', 'a', '>=', 'b', ')', '{', '\\t', 'b', '=', 'c', ';', '}']
////////////////
List of Identifiers      --> ['a', 'q', 'b', 'c']

no elements in integer constant

no elements Character constants

List of Data types      --> ['int', 'char']

no element in boolean list

no element in Arithmetic operators list

List of Relational operators --> ['>=']

no element in boolean opeartor list

List of keywords        --> ['if']

SYMBOL TABLE :-
default int size 4 byts
default char size 1 byts
int list ->  ['a', 'q', 'b']

char list ->  ['c']
a  'int' '4'
q  'int' '4'
b  'int' '4'
c  'char' '1'
////////////////////////////////////
error words are :-
no wrror word
dnysdk@dnysdk-Inspiron-3542:~/Desktop/programming language_lab$
```