ALUMNO: ORTEGA VICTORIANO IVAN

GRUPO: 3CM6

MATERIA: COMPILADORES

LISTA DE TOKENS DE LENGUAJE C

DEFINICIONES REGULARES

D : [0-9]
L : [a-zA-Z_]
H : [a-fA-F0-9]
E : [Ee][+-]?{D}+
FS : (f|F|1|L)
IS : (u|U|1|L)*

| EXPRESIÓN REGULAR | TOKEN |
|-------------------|----------|
| "auto" | AUTO |
| "break" | BREAK |
| "case" | CASE |
| "char" | CHAR |
| "const" | CONST |
| 'continue" | CONTINUE |
| 'default" | DEFAULT |
| 'do" | DO |
| 'double" | DOUBLE |
| 'else" | ELSE |
| 'enum" | ENUM |
| 'extern" | EXTERN |
| 'float" | FLOAT |
| 'for" | FOR |
| 'goto" | GOTO |
| 'if" | IF |
| 'int" | INT |
| 'long" | LONG |
| 'register" | REGISTER |
| 'return" | RETURN |
| 'short" | SHORT |
| 'signed" | SIGNED |
| 'sizeof" | SIZEOF |
| 'static" | STATIC |
| 'struct" | STRUCT |
| 'switch" | SWITCH |
| 'typedef" | TYPEDEF |
| 'union" | UNION |
| 'unsigned" | UNSIGNED |
| 'void" | VOID |
| 'volatile" | VOLATILE |

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|------------------------|----------------|
| "while" | WHILE |
| {L}({L} {D})* | IDENTIFIER |
| 0[xX]{H}+{IS}? | CONSTANT |
| 0{D}+{IS}? | CONSTANT |
| {D}+{IS}? | CONSTANT |
| L?'(\\. [^\\'])+' | CONSTANT |
| {D}+{E}{FS}? | CONSTANT |
| {D}*"."{D}+({E})?{FS}? | CONSTANT |
| {D}+"."{D}*({E})?{FS}? | CONSTANT |
| L?\"(\\. [^\\"])*\" | STRING_LITERAL |
| " " | ELLIPSIS |
| ">>=" | RIGHT_ASSIGN |
| "<<=" | LEFT_ASSIGN |
| "+=" | ADD_ASSIGN |
| "-=" | SUB_ASSIGN |
| "*=" | MUL_ASSIGN |
| "/=" | DIV_ASSIGN |
| "%=" | MOD_ASSIGN |
| "&=" | AND_ASSIGN |
| "^=" | XOR_ASSIGN |
| " =" | OR_ASSIGN |
| ">>" | RIGHT_OP |
| "<<" | LEFT_OP |
| "++" | INC_OP |
| "" | DEC_OP |
| "->" | PTR_OP |
| "&&" | AND_OP |
| " " | OR_OP |
| "<=" | LE_OP |
| ">=" | GE_OP |
| "==" | EQ_OP |
| "!=" | NE_OP |
| "." | 1;1 |
| ("{" "<%") | '{' |
| ("}" "%>") | '}' |
| " ") | , ' |
| ":" | 1:1 |
| "=" | '=' |
| "(" | '(' |
| ")" | ')' |
| ("[" "<:") | '[' |

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| "/*" | COMMENT |
|------------|---------|
| "?" | '?' |
| " " | ' ' |
| пУп | 171 |
| ">" | '>' |
| "<" | '<' |
| "%" | '%' |
| "/" | '/' |
| "*" | 1*1 |
| "+" | '+' |
| "_" | 1_1 |
| "~" | 1~1 |
| "!" | .i. |
| "&" | '&' |
| " " | 1 - 1 · |
| ("]" ":>") | ']' |