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|l|L)
IS   :    (u|U|l|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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Regex	Token
"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
";"	';'
("{"|"<%")	'{'
("}"|"%>")	'}'
","	','
":"	':'
"="	'='
"("	'('
")"	')'
("["|"<:")	'['

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("]"|":>")	']'
"."	'.'
"&"	'&'
"!"	'!'
"~"	'~'
"-"	'-'
"+"	'+'
"*"	'*'
"/"	'/'
"%"	'%'
"<"	'<'
">"	'>'
"^"	'^'
"|"	'|'
"?"	'?'