Reglas Gramaticales Asignadas

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```
grammar regex;
regex: term ('|' regex)?;  //Regla de inicio
term: factor+;
factor: base quantifier?;
base: CHAR | group | class_;
group: '(' regex ')';
class_: '[' ('^')? classElem+ ']';
classElem: range | CHAR;
range: CHAR '-' CHAR | NUMBER '-' NUMBER;
quantifier: '*' | '+' | '?' | '{' NUMBER (COMMA NUMBER?)? '}';

//tokens
NUMBER: [0-9]+;
COMMA: ',';
CHAR: [a-zA-Z0-9_~@?#%&=<>!;,/];  //Caracteres válidos
PIPE: '|';
DASH: '-';
CARET: '^';
STAR: '*';
PLUS: '+';
QUESTION: '?';
LPAREN: '(';
RPAREN: ')';
LBRACK: '[';
RBRACK: ']';
LBRACE: '{';
RBRACE: '}';

WS: [ \t\r\n]+ -> skip;
```

Gramática en EBNF

regex = term ["|" regex]
term = {factor}+
factor = base [quantifier]
base = char I group | class
group = "(" regex ")"
class = "[" "^"? {range | char}+ "]"
range = char "-" char
quantifier ="*" | "+" | "?" | "{" number ["," [number]] "}"
char = ? cualquier carácter excepto metacaracteres ?