

## Reglas Gramaticales Asignadas

*Pía Cortes*

*Legajo: 51947*

```
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;
```