Swift BNF(simplificada)

<program> ::= <statements>

<statements> ::= <statement> { <semicolon> | <newline> }*

<statement> ::= <variable-declaration>
       | <function-call>
       | <assignment>
       | <control-flow>
       | <block>

<variable-declaration> ::= "let" <identifier> ["=" <expression>]

<function-call> ::= <identifier> "(" [<arguments>] ")"

<assignment> ::= <identifier> "=" <expression>

<control-flow> ::= "if" "(" <expression> ")" <statements> ["else" <statements>]
       | "while" "(" <expression> ")" <statements>
       | "for" "(" <variable-declaration>; <expression>; <expression> ")"
<statements>

<block> ::= "{" <statements> "}"

<expression> ::= <identifier>
       | <literal>
       | <function-call>
       | <expression> <operator> <expression>

<arguments> ::= <expression> ("," <expression>)*

<literal> ::= <string> | <number> | <boolean>

<identifier> ::= [a-zA-Z_][a-zA-Z0-9_]*

<semicolon> ::= ";"

<newline> ::= "\n"

<operator> ::= "+" | "-" | "*" | "/" | "==" | "!=" | "<" | ">"