Program -> FuncDec Program

Program -> StatList Program

Program -> eof

FuncDec -> def id ( ParamList ) : eol indent StatList dedent

ParamList -> ε

ParamList -> Param ParamList2

ParamList2 -> , Param ParamList2

Param -> Expression

StatList -> Stat StatList

Stat -> id = FuncCall eol

FuncCall -> id ( ParamList )

Stat -> FuncCall eol

Stat -> id = Expression eol

Stat -> Expression eol

Stat -> pass eol

Expression -> id

Expression -> number

Expression -> (

Stat -> if ( Expression ) : eol indent StatList dedent else indent StatList dedent

Stat -> while ( Expression ) : eol indent StatList dedent