<block> -> <statement> | <statement> <block>

<statement> -> <print statement> | <if statement> | <declaration statement> | <assignment statement> | ( <statement> )

<print statement> -> Put\_Line ( <string expression> ) ;

<if statement> -> if <bool expression> then <block> end if; |

<declaration statement> -> <Var\_Name> : <Type\_Name> ; | <Var\_Name> : <Type\_Name> := <expression> ;

<assignment statement> -> <Var\_Name> := <expression> ; | <declaration statement> := <expression> ;

<expression> -> <string expression> | <bool expression> | <int expression> | <float expression>

<string expression> -> <string> | <string> & <string expression> | <Type\_Name> ’ IMAGE (<expression>) | <Type\_Name> ‘ IMAGE (<expression> ) & <string expression>

<bool expression> -> <bool> | <int expression> <relop> <int expression> | <float expression> <relop> <float expression> | ! <bool expression>

<int expression> -> <int> | <int> <arithmetic op> <int expression>

<float expression> <float> | <float> <arithmetic op> <float expression>

<Type\_Name> -> Float | Integer | String | Character | Boolean

<relop> -> > | >= | < | <=

<arithmetic op> -> + | - | \* | / | %

!(ONLY MAYBE DOING THIS) <bool op> -> && | “||”