```
<program>  -> begin <stmt_list> end

<stmt_list>  -> <stmt>
                | <stmt> <stmt_list>

<stmt> -> <assign_stmt>
        | <comment_stmt>
        | <def_stmt>

<def_stmt> -> <data_types> <identifiers>

<data_types> -> FLOAT
                | BOOLEAN
                | INTEGER
                | WIDTH
                | HEIGHT
                | STROKE_WIDTH
                | DEF_WIDTH
                | DEF_HEIGHT
                | RECTANGLE
                | LINE
                | OVAL
                | COMPOSITE_SHAPE
                | SHAPE
                | PARAMETER
                | LOCATION
                | COLOR
                | SET
                | DIRECTION
                | IDENTIFIER


<identifiers> -> <identifier>
                | <identifier> <assign_stmt>

<assign_stmt> -> '=' '(' ')'
                | '=' '(' IDENTIFIER ')'
                | '=' '(' IDENTIFIER','IDENTIFIER','IDENTIFIER ')'
                | '=' '(' IDENTIFIER','IDENTIFIER','IDENTIFIER ','IDENTIFIER')'
                | '=' '(' INTEGER','INTEGER ')'
                | '=' '(' IDENTIFIER','IDENTIFIER','IDENTIFIER','BOOLEAN','INTEGER ')'
                | '=' '{' INTEGER','INTEGER','' INTEGER','INTEGER'}'
                | '=' '{'IDENTIFIER','IDENTIFIER','IDENTIFIER ','IDENTIFIER '}'
                | '=' '('INTEGER','INTEGER','INTEGER','FLOAT ')'


<logic_stmt> -> < expr >
            | <expr> <logical_op>
            | <expr> <logical_op> <expr>

<comment_stmt> -> '/' '/' <stmt_list>


<expr>  ->  IDENTIFIER
            | WIDTH
```

| HEIGHT
| STROKE_WIDTH
| DEF_WIDTH
| DEF_HEIGHT
| RECTANGLE
| LINE
| OVAL
| COMPOSITE_SHAPE
| SHAPE
| PARAMETER
| LOCATION
| COLOR
| SET
| DIRECTION

<logical_ op> -> '==' | '!=' | '<' | '>' | '<=' | '>=' | 'and' | 'or' | '->' | '*' | 'l' | ':' | '!'