

```

program =
| program heading
|   block

program heading =
\n | ntPROGRAM
| identifier
| ntLPAREN
|   ident list
| ntRPAREN
| ntSEMICOLON

label declaration part =
\n | ntLABEL
|   label
| {ntCOMMA
|   label}
| ntSEMICOLON

const definition part =
\n | ntCONST
|   constant definition
| ntSEMICOLON
\n | {constant definition
| ntSEMICOLON}

type definition part =
\n | ntTYPE
|   type definition
| ntSEMICOLON
\n | {type definition
| ntSEMICOLON}

var declaration part =
\n | ntVAR
|   var declaration
| ntSEMICOLON
\n | {var declaration
| ntSEMICOLON}

var declaration =
identifier
{ntCOMMA
identifier}
ntCOLON
type

procedure declaration =
procedure heading
block

```

```

procedure heading =
\n | ntPROCEDURE
| identifier
| [formal parameter list]
| ntSEMICOLON

function declaration =
function heading
block

function heading =
\n | ntFUNCTION
| identifier
| [formal parameter list]
| ntCOLON
| type identifier
| ntSEMICOLON

formal parameter list =
ntLPAREN
formal parameter section
{ntSEMICOLON
\n | formal parameter section}
ntRPAREN

formal parameter section =
[ntVAR
| ntFUNCTION ]
ident list
ntCOLON
type identifier |
ntPROCEDURE
ident list

actual parameter list =
ntLPAREN
expression
{ntCOMMA
expression}
ntRPAREN

factor =
ntLPAREN
expression
ntRPAREN

compound statement =
ntBEGIN
statement
{ntSEMICOLON
statement}
ntEND

```

...contd