```
ID
                            Name
                                    First
                                                                Leads
                                                                        Follows
1.
                                                                        $
                                    program
                         program
2.1.
                    identifier\_list
                                    id
                                                                        )
2.2.1.
                    identifier\_list'
2.2.2.
                    identifier\_list'
3.1.
                     declarations
                                                                        procedure begin
                                    var
3.2.
                      declarations
                                                                        procedure begin
                                    \epsilon
4.1.
                              type
                                    integer real
                                                                        ; )
4.2.
                              type
                                    array
                                                                        ;)
5.1.
                    standard\_type
                                    integer
                                                                        ; )
5.2.
                    standard\_type
                                    real
                                                                        ; )
6.1.
         subprogram\_declarations
                                    procedure
                                                                        begin
6.2.
         subprogram\_declarations
                                                                        begin
7.
          subprogram\_declaration
                                    procedure
8.
                 subprogram\_head
                                    procedure
                                                                        var procedure begin
9.1.
                       arguments
9.2.
                       arguments
                                    \epsilon
10.1.
                                    id
                   parameter\_list
10.2.1.
                   parameter_list'
10.2.2.
                   parameter\_list'
                                     \epsilon
                                                                        ; . end else
11.
             compound\_statement
                                    begin
12.1.
              optional\_statements
                                    id call begin while if
                                                                        end
12.2.
              optional\_statements
                                                                 \rightarrow
                                                                        end
                                    id call begin while if
13.1.
                    statement\_list
                                                                        end
13.2.1.
                   statement\_list'
                                                                        end
                   statement\_list'
                                                                        end
13.2.2.
                                    \epsilon
                                                                 \rightarrow
14.1.
                        statement
                                    id
                                                                        ; end else
14.2.
                        statement
                                    call
                                                                        ; end else
14.3.
                                    begin
                                                                        ; end else
                        statement
14.4.
                        statement
                                     while
                                                                        ; end else
                                    if
                                                                        ; end else
14.5.
                        statement
15.1.
                              else'
                                    else
                                                                        ; end else
                              else'
                                                                        ; end else
15.2.
                                     \epsilon
16.
                          variable
                                    id
                                                                        assignop
17.1.
                     array\_access
                                                                        assignop
17.2.
                                                                        assignop
                     array\_access
                                    \epsilon
18.
             procedure\_statement
                                    call
                                                                        ; end else
                                                                        : end else
19.1.
             optional\_expressions
                                     (
19.2.
                                                                          end else
             optional\_expressions
20.1.
                                    id num ( not + -
                   expression\_list
20.2.1.
                   expression\_list'
20.2.2.
                   expression\_list'
21.
                       expression
                                    id num ( not + -
                                                                        ; end else do then ]),
22.1.
                related\_expression
                                    relop
                                                                        ; end else do then ]),
22.2.
                                                                        ; end else do then ]),
                related\_expression
                                                                 \rightarrow
23.1.1.
                simple\_expression
                                    id num ( not
                                                                        relop; end else do then ]),
                                                                        relop; end else do then ]),
23.1.2.
                simple\_expression
                                    + -
                                    addop
                                                                        relop; end else do then ]),
23.2.1.
               simple\_expression'
23.2.2.
               simple\_expression'
                                                                        relop; end else do then ]),
24.1.
                                                                        addop relop; end else do then ]),
                                    id num ( not
                             term
                                                                        addop relop; end else do then ]),
24.2.1.
                            term'
                                    mulop
24.2.2.
                            term'
                                                                        addop relop; end else do then ]),
                                                                 \rightarrow
                                     \epsilon
                                                                        mulop addop relop; end else do then ]),
25.1.1.
                                    id
                            factor
                                                                        mulop addop relop; end else do then ]),
25.1.2.
                            factor
                                    num
25.1.3.
                                                                        mulop addop relop; end else do then ]),
                            factor
                                     (
25.1.4.
                            factor
                                    not
                                                                        mulop addop relop; end else do then ]),
25.2.1.
                           factor'
                                    ſ
                                                                        mulop addop relop; end else do then ]),
25.2.1.
                                                                        mulop addop relop; end else do then ]),
                           factor'
26.1.
                                     +
                                                                        id num not (
                              sign
26.2.
                              sign
                                                                        id num not (
```