```
* Language grammar *
     e Program > -> < decl-list>
     < decl-lists -> < decl> ; < decl-list>
                       12
       < decis
                  - id : <type>
                     1 constant id = cexpr>
                     I function ich & formel-list > : < type> < blocks
                     | procedure ich = formal-list> < blocks
       < Eype> - > integer | bool | String
        < formal-list> -> ( < formal-list-bar>
        < format -list-bar> - > > ( formals > )
           < formals> -> icl = <type> <formals-bar>
           < formals-bars - , id : etype > < formals-bars 17
                       - id «call-assign»
                           lif cexpr> then «stat» «if stat»
                           I while cexpro do estato od
                           I for id := cexpro to cexpro do estato od
                          read (id)
                          | Write (id)
                          ( return ( cexprs)
                          Chlocks
           ccall-assigns - = cexpr>
                            | carg-list>
             <ifstmt> -> f: | else <stmt> f:
```

```
e blocks - begin evar-decl-lists estat-lists end
12
< var-dect> - o id : < type>
<stml-list> -> <stml- ist>
 earg-lists - o ( carg-list-bar>
 <arg - list -bars - > ) | cargs> ) |
   <args - cexprs <args-barr
   <args-bar > -> , eargs> 17
    <expr> - = <rel> < expr-bar>
    <expr-bars - Conj «rel» «expr-bar» 17
     < rel >
         -b <arith> <rel-bar>
```

crets — carith > cret - bars

cret - bars — Relational carith > cret - bars | 1

carith > — carith - bars

carith - bars — Arith - op conary = carith - bars | 1

carith - bars — Arith - op conary = carith - bars | 1

carity — Unary - op < F> | <F>
— not

I id < call-id>

integer-constant | string-constant | true | false | (cexprs)

| id < call-id>

< call-id> - Al < arg-list>