The **Modifield** BNF for Wren

The Wren BNF presented in the text is, unfortunately, not suitable for parsing using a top-down approach. I have modified the grammar slightly to make it suitable. There remains one problem area that is shaded in gray below, so I will give you that non-terminal function.

```
cprogram>
           ::=
                 program IDENTIFIER is <block>
<blook>
           ::= <decseq> begin <commandfqseq> end
<decseq>
           ::= <dec> <decseq>
                                         λ
                                   <dec> ::=
           var <varlist> : <type> ;
<type>
           ::=
                 integer
                                   boolean
<varlist>
                 IDENTIFIER
                                   IDENTIFIER , <varlist>
           ::=
<commandseq>
                 ::=
                       <command>
                                         <command> ; <command seq>
<command>
           ::=
                 <assign>
                 skip
                 read IDENTIFIER
                 write <intexpr>
                 while <boolexpr> do <commandseq> end while
                 if <boolexpr> then <commandseq> end if
                 if <boolexpr> then <commandseq> else
                 <commandseq> end if
<assign>
                 IDENTIFIER := <intexpr>
           ::=
                 IDENTIFIER :=: <boolexpr>
<intexpr>
                 <intterm>
                                   <intexpr> <weak op> <intterm>
           ::=
<intterm>
           ::=
                 <element>
                                   <intterm> <strong op> <element>
                            <intelement>
                 ::=
                       NUMERAL
                       IDENTIFIER
                       ( <intexpr> )
                       - <intelement>
<boolexpr>
                 <boolterm>
           ::=
                 <boolexpr> or <boolterm>
<boolterm> ::=
                 <boolelement>
                 <boolterm> and <boolelement>
<boolelement>
                 ::=
                       true
                       false
                       not [ <boolexpr> ]
                       [ <boolexpr> ]
                       IDENTIFIER
                       <intexpr> <relation> <intexpr>
                 <= | < | = | <> | >= | >
<relation>
           ::=
<weak op>
           ::=
                 +
                       /
<strong op> ::=
                 *
```