

START -> program VARIABLES; MAIN | MAIN //Start of program  
 VARPART -> var DESCR {,DESCR} //Var part  
 DESCR -> I {,I} : [int|bool|real] //Description of variables  
 MAIN -> begin {OP;} end //Body part of program  
 OP -> I:=EXPR | if EXPR then OP |  
     | if EXPR then OP else OP |  
     | while FULLEXPR do CYCLE |  
     | for I := N to N do CYCLE | MAIN |  
     | read(I) | write(EXPR) | eps //Operator  
 CYCLE -> OP | OP [break;|continue] OP |  
     | OP continue; OP //Cycle  
 FULLEXPR -> EXPR [=|<|<=|>|>=|!=] EXPR | EXPR //Full expression  
 EXPR -> TERM { [ +|-|or ] TERM} //Expression  
 TERM -> FACTOR { [\*|/and] FACTOR} //Term  
 FACTOR -> I | N | RN | BOOL |  
     | not FACTOR | (FULL EXPR) //Factor  
 BOOL -> true|false // Boolean  
 I -> LETTER|ILETTER|IDIGIT // Variable  
 N -> DIGIT {DIGIT} // Number  
 RN -> DIGIT {DIGIT}.DIGIT {DIGIT} // Real numbrt  
 LETTER -> a|b|...|z|A|B|...|Z // Letters  
 DIGIT -> 0|1|2|...|9 // Digits