

**File: MiniGrammar.doc**

1. <program> ---> program <ident> dec <dec part> begin <statement part> end.
2. <dec part> ---> dec <list var> : <type> [;<list var> : <type>]\*
3. <list var> ---> <ident> [, <ident>]\*
5. <type> ---> real | int
6. <statement part> ---> <statement> [; <statement>]\*
7. <statement> ---> <input> | < output> | <assign>
8. <input> ---> Read ( <list var> )
9. <output> ---> Write ( < list var> )
10. <assign> ---> <ident> = <expression>
11. <expression> ---> <term> + <term> | <term> - <term>
12. <term> ---> <factor> \* <factor> | <factor> / <factor>
13. <factor> ---> <namedigit> | ( <expression> )
14. <namedigit> ---> <ident> | <num>
15. <ident> ---> <letter> [<letter> | <digit>]\*
16. <num> ---> <digit> [<digit>]\*