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Lexic.txt:
Alphabet:
        a. Upper (A-Z) and lower case letters (a-z) of the English alphabet
        b. Underline character '_';
        c. Decimal digits (0-9);
a. Special symbols, representing:
        - operators + - * /
        - separators , . !
b.identifiers:
        identifier ::= upper_case_letter | upper_case_letter{letter}{digit}
        upper_case_letter ::= "A" | "B" | . .. | "Z"
        letter ::= "A" | "B" | ... | "Z" | "a" | "b" | ... | "z"
        digit ::= "0" | "1" |...| "9"
1.integer - rule:
        noconst:="-"no|no
        no:=digit{no}
2.character
        character:='letter'|'digit'
3.string
        constchar:="string"
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string:=char{string}

char:=letter|digit

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3.boolean
        boolconst:="Truth" | "Lie"
Syntax.in:
program ::= "OnceUponATime" stmt "TheEnd"
stmt ::= declaration "." {stmt} | action "." {stmt}
declaration ::= IDENTIFIER "is" type
type1 ::= "Char" | "String" | "Integer" | "Boolean"
arraydecl ::= "Array" "of" type1
type ::= type1|arraydecl
action ::= simplstmt | structstmt
simplstmt ::= assignstmt | iostmt | footnotestmt
assignstmt ::= IDENTIFIER "equals" expression
expression ::= expression operator expression | expression
term ::= term "*" factor | factor
factor ::= "(" expression ")" | IDENTIFIER
operator ::= "+" | "-" | "/" | "*"
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iostmt ::= "Hear" "(" IDENTIFIER ")" | "Speak" "(" {IDENTIFIER[,]} ")"

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footnotestmt ::= "Footnote" string

structstmt ::= ifstmt | whilestmt

ifstmt ::= "If" condition "Procede" stmt ["Otherwise" stmt]

whilestmt ::= "Loop, until" condition "," stmt "!"

condition ::= expression [" is not "] RELATION expression

RELATION ::= "smaller" | "equal" | "greater"
```

## Tokens.in:

Array, of, character, string, historical, Loop, If, Procede, Otherwise, int, Story, Hear, Speak, until, equal, equals, smaller, greater, is, not, OnceUponATime, TheEnd, footnote