词法分析：(未被定义的符号直接以自身表示)

|  |  |
| --- | --- |
| DIGIT | '0'|'1'|'2'|'3'|'4'|'5'|'6'|'7'|'8'|'9' |
| LETTER | 'a'|'b'|'c'|'d'|'e'|'f'|'g'|'h'|'i'|'j'|'k'|'l'|'m'|'n'|'o'|'p'|'q'|'r'|'s'|'t'|'u'|'v'|'w'|'x'|'y'|'z'|'A'|'B'|'C'|'D'|'E'|'F'|'G'|'H'|'I'|'J'|'K'|'L'|'M'|'N'|'O'|'P'|'Q'|'R'|'S'|'T'|'U'|'V'|'W'|'X'|'Y'|'Z' |
| ID | 标识符 |
| UN\_AR\_OP | 一元算术运算符 - |
| SELF\_OP | 自增自减运算符 ++ -- |
| UN\_LOG\_OP | 一元逻辑运算符 ! |
| BIN\_AR\_OP\_1 | 第一优先级二元算术运算符 \* / % |
| BIN\_AR\_OP\_2 | 第二优先级二元算术运算符 + - |
| LOGIC\_OP | 逻辑运算符 && || ! |
| RELATION\_OP | 关系运算符 > < >= <= == != |
| ASS\_OP | 赋值运算符 = += -= \*= /= %= |
| INT | 整数 |
| REAL | 实数 |
| CHAR | 字符 |
| TYPE | 数据类型 int float double long short char |

语法分析：

具体见production.txt文件