```c
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//CSIS 434 - Spring 2017
//Constants - contains the lexical and syntax analyzer constant values and methods

#ifndef CONSTANTS_H
#define CONSTANTS_H

#define LEXEME_LENGTH 100

/* Output helpers */
#define PROGRAM_ID "Jeffrey Walraven - CSIS 434 (1), Spring 2017 - Lexical Analyzer"
#define TAB "        "

/* Character classes */
#define LETTER 0
#define DIGIT 1
#define UNKNOWN 99

/* Token codes */
#define RESERVED_WORD 10
#define NAME 11
#define STRING_LIT 12
#define COMMA 13
#define QUOTE_MARK 14
#define COLON 15

#define NUM_RESERVED_WORDS 8
const char reservedWords[NUM_RESERVED_WORDS][7] = {
    "BEGIN",
    "END",
    "CHAR",
    "STRING",
    "OUTPUT",
    "INPUT",
    "EQ",
    "NEG"
};

inline char* charArrayForToken(int token)
{
    switch(token)
    {
    case RESERVED_WORD:
        return "RESERVED_WORD";
    case NAME:
        return "NAME";
    case STRING_LIT:
        return "STRING_LIT";
    case COMMA:
        return "COMMA";
    case QUOTE_MARK:
        return "QUOTE_MARK";
    case COLON:
        return "COLON";
    case EOF:
        return "EOF";
    default:
        return "UNKOWN";
    }
    return "";
}

#endif
```