exe_1.13.l | exe_1.1 | exe_1.21 | exe_1.22.l | exe_1.

File Edit View

```
"#"         { printf("Preprocessor Directive: %s\n", yytext); }
"include"   { printf("Header File: %s\n", yytext); }
"void"      { printf("Data Type: %s\n", yytext); }
"int"       { printf("Data Type: %s\n", yytext); }
"printf"    { printf("Function Call: %s\n", yytext); }
"("         { printf("Left Parenthesis: %s\n", yytext); }
")"         { printf("Right Parenthesis: %s\n", yytext); }
"="         { printf("Assignment Operator: %s\n", yytext); }
";"         { printf("Semicolon: %s\n", yytext); }
\"[^\"\n]*\"  { printf("String Literal: %s\n", yytext); }
[0-9]+      { printf("Integer Constant: %s\n", yytext); }
[a-zA-Z_][a-zA-Z0-9_]*   { printf("Identifier: %s\n", yytext); }
.           { printf("Unrecognized Token: %s\n", yytext); }

%%

int main(int argc, char *argv[]) {
    if (argc != 2) {
        printf("Usage: %s input_file\n", argv[0]);
        return 1;
    }

    FILE *input_file = fopen(argv[1], "r");
    if (!input_file) {
        perror("Error opening input file");
        return 1;
    }

    // Set the input file for the lexer
    yyin = input_file;

    // Call the lexer
    yylex();

    // Close the file
    fclose(input_file);

    return 0;
}
```

Ln 47, Col 1 | 1,227 characters | 100% | Windows (CRLF) | UTF-8

Command Prompt

```
02/21/2024  10:54 AM    <DIR>          Flex Windows
01/27/2024  08:06 AM    <DIR>          Intel
07/11/2023  03:09 PM    <DIR>          logs
05/07/2022  10:54 AM    <DIR>          PerfLogs
02/21/2024  10:43 AM    <DIR>          Program Files
02/21/2024  10:55 AM    <DIR>          Program Files (x86)
08/31/2023  01:26 PM    <DIR>          TURBOC3
01/26/2024  10:08 PM    <DIR>          Users
01/26/2024  10:16 PM    <DIR>          Windows
               0 File(s)              0 bytes
              12 Dir(s)  192,249,139,200 bytes free

C:\>cd cd lab

C:\cd lab>flex exe_1.22.l

C:\cd lab>gcc lex.yy.c

C:\cd lab>a.exe exe_1.22.l
Usage: a.exe input_file output_file

C:\cd lab>flex exe_1.23.l

C:\cd lab>gcc lex.yy.c

C:\cd lab>a.exe exe_1.23.l
Unrecognized Token: %
Unrecognized Token: {

Preprocessor Directive: #
Header File: include
Unrecognized Token:
Unrecognized Token: <
Identifier: stdio
Unrecognized Token: .
Identifier: h
Unrecognized Token: >

Unrecognized Token: %
```