

```
File Edit View
#include <stdio.h>
#include <stdlib.h>
int macro_count = 0;
int header_count = 0;
}%

%%
#define { ++macro_count; }
#include { ++header_count; }
. { /* Ignore other characters */ }
%%

int yywrap() {
    return 1; // Indicate that there are no more input streams
}

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 == NULL) {
        perror("Error opening input file");
        return 1;
    }

    yyin = input_file;
    yylex();

    fclose(input_file);

    printf("Number of Macros defined: %d\n", macro_count);
    printf("Number of Header files included: %d\n", header_count);

    return 0;
}

Ln 40, Col 1 | 784 characters | 100% | Windows (CRLF) | UTF-8
```

```
Command Prompt

Number of Macros defined: 1
Number of Header files included: 3

C:\cd lab>
```