

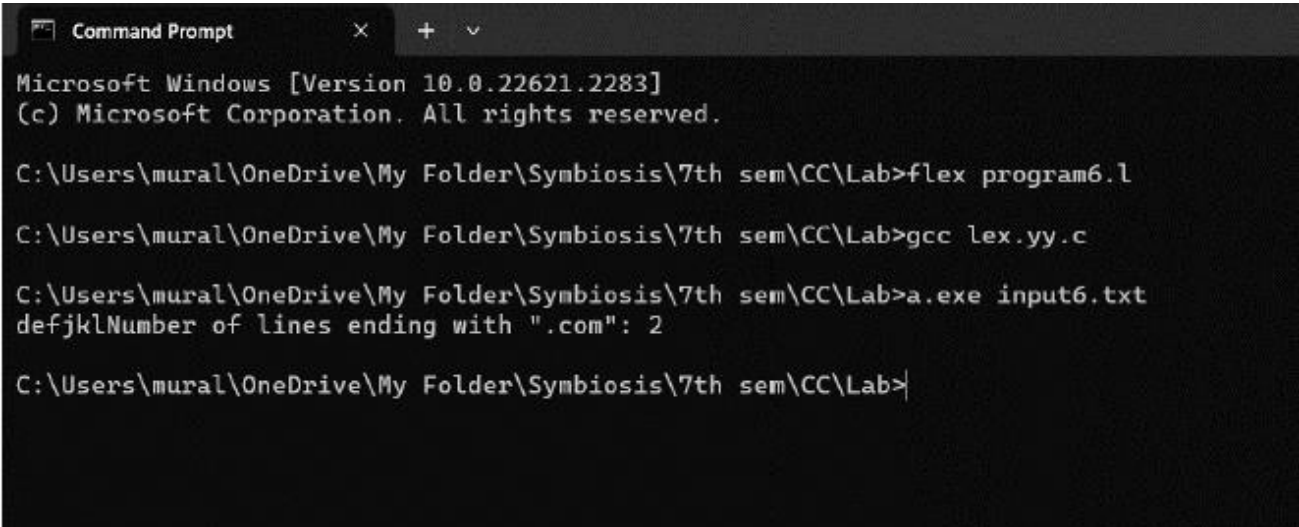
CC LAB 06 | LEX Program

Aim: Lex program to count the number of lines ending with ".com"

Implementation:

```
%option noyywrap
%{
    int count = 0;
}%
%%
^.*\.com$ { count++; }
\n { /* Ignore other lines */ }
%%
int main (int argc, char** argv) {
    if (argc==2) {
        yyin=fopen(argv[1],"r");
    }
    else {
        printf("\nEnter the input:\n");
        yyin=stdin;
    }
    yylex();
    printf("Number of lines ending with \".com\": %d\n", count);
    return 0;
}
```

Output:



```
Microsoft Windows [Version 10.0.22621.2283]
(c) Microsoft Corporation. All rights reserved.

C:\Users\mural\OneDrive\My Folder\Symbiosis\7th sem\CC\Lab>flex program6.l

C:\Users\mural\OneDrive\My Folder\Symbiosis\7th sem\CC\Lab>gcc lex.yy.c

C:\Users\mural\OneDrive\My Folder\Symbiosis\7th sem\CC\Lab>a.exe input6.txt
defjklNumber of lines ending with ".com": 2

C:\Users\mural\OneDrive\My Folder\Symbiosis\7th sem\CC\Lab>
```