

CODE

```
%{
#include<stdio.h>
int nc=0;
%}

%%
/*[a-zA-Z0-9\n\t ]**/* {nc++;}
//*[a-zA-Z0-9\n\t ]*\n {nc++;}
%%
int yywrap( ) {}

int main(int argc ,char* argv[])
{
    yyin=fopen(argv[1],"r");
    yyout=fopen("output.c","w");
    yylex();
    printf("The number of comment lines=%d\n",nc);
}
```

SCREENSHOT

The screenshot shows a Windows Command Prompt window titled 'C:\Windows\System32\cmd.e'. The command history is as follows:

```
C:\Compiler>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Compiler>flex EXP_22.l
C:\Compiler>set path=C:\Program Files\CodeBlocks\MinGW\bin
C:\Compiler>gcc lex.yy.c
C:\Compiler>a.exe < 22.c
The number of comment lines=2
C:\Compiler>
```