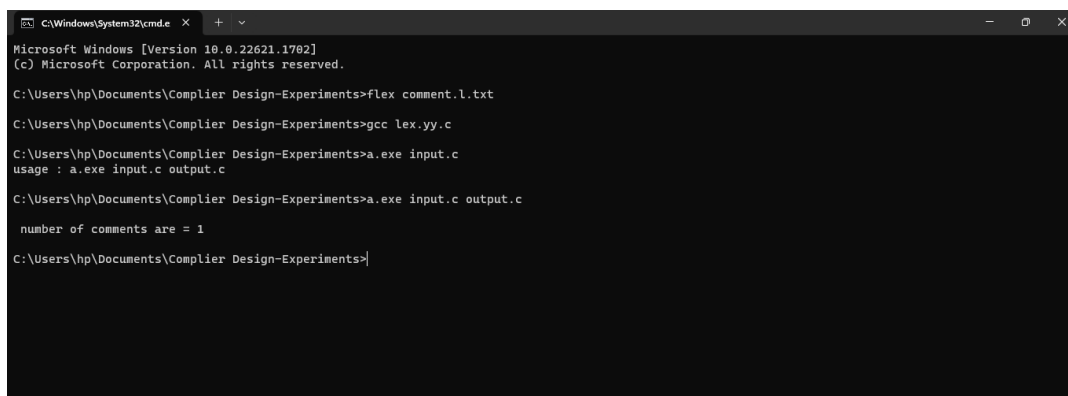


## 26:COMMENTS LEX PROGRAM:

```
%{
int com=0;
%}
%s COMMENT
%%
"/*" {BEGIN COMMENT;}
<COMMENT>"*/" {BEGIN 0; com++;}
<COMMENT>\n {com++;}
<COMMENT>. {;}
\\\. * {; com++;}
.\n {fprintf(yyout,"%s",yytext);}
%%
void main(int argc, char *argv[])
{
if(argc!=3)
{
printf("usage : a.exe input.c output.c\n");
exit(0);
}
yyin=fopen(argv[1],"r");
yyout=fopen(argv[2],"w");
yylex();
printf("\n number of comments are = %d\n",com);
}
int yywrap()
{
return 1;
}
```

## OUTPUT:



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22621.1702]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp\Documents\Compiler Design-Experiments>flex comment.l.txt

C:\Users\hp\Documents\Compiler Design-Experiments>gcc lex.yy.c

C:\Users\hp\Documents\Compiler Design-Experiments>a.exe input.c
usage : a.exe input.c output.c

C:\Users\hp\Documents\Compiler Design-Experiments>a.exe input.c output.c

number of comments are = 1

C:\Users\hp\Documents\Compiler Design-Experiments>
```

