22. ADDS LINE NUMBERS

CODE:

%{

int yylineno;

%}

%%

^(.\*)\n printf("%4d\t%s", ++yylineno, yytext);

%%

int yywrap(void) {

return 1;

}

int main(int argc, char \*argv[]) {

yyin = fopen(argv[1], "r");

yylex();

fclose(yyin);

}

INPUT SOURCE CODE:

#define PI 3.14

#include<stdio.h>

#include<conio.h>

void main()

{

int a,b,c = 30;

printf("hello");

}

OUTPUT:

C:\Users\prith>CD DESKTOP

C:\Users\prith\Desktop>CD FLEX

C:\Users\prith\Desktop\FLEX>flex addslinenumbers.l

C:\Users\prith\Desktop\FLEX>gcc lex.yy.c

C:\Users\prith\Desktop\FLEX>a.exe yyin5.c

1 #define PI 3.14

2 #include<stdio.h>

3 #include<conio.h>

4 void main()

5 {

6 int a,b,c = 30;

7 printf("hello");

8 }



