**Program: (html.l)**

%{

int tags;

%}

%%

"<"[^>]\*> { tags++; printf("%s \n", yytext); }

.|\n { }

%%

int yywrap(void) {

return 1; }

int main(void)

{

FILE \*f;

char file[10];

printf("Enter File Name : ");

scanf("%s",file);

f = fopen(file,"r");

yyin = f;

yylex();

printf("\n Number of html tags: %d",tags);

fclose(yyin);

}

**Output:**

G:\lex>flex html.l

G:\lex>gcc lex.yy.c

G:\lex>a.exe

Enter File Name : sample.html

<html>

<body>

<h1>

</h1>

<p>

</p>

</body>

</html>

