



sample.html



File

Edit

View

```
<html>
<body>
<h1>My First Heading</h1>
<p>My first paragraph.</p>
</body>
</html>
```



File

Edit

View

```
%{
    #include <stdio.h>
    int tags = 0;
}%
%%
"<"[^>]*">"    {
                    tags++;
                    printf("%s\n", yytext);
                }
.|\\n            { /* Ignore everything else */ }
%%
int yywrap(void) {
    return 1;
}
int main(void) {
    FILE *f;
    char file[50];
    printf("Enter File Name : ");
    scanf("%s", file);
    f = fopen(file, "r");
    if (!f) {
        printf("Could not open file: %s\n", file);
        return 1;
    }
    yyin = f;
    yylex();
    printf("\nNumber of HTML tags: %d\n", tags);
    fclose(f);
    return 0;
}
```



Command Prompt



Microsoft Windows [Version 10.0.26100.6584]
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```
C:\Users\manoj>set path=C:\Users\manoj\Documents\GnuWin32\bin
```

```
C:\Users\manoj>flex html.l.txt
```

```
C:\Users\manoj>set path=C:\Users\manoj\Documents\MinGW\bin
```

```
C:\Users\manoj>gcc lex.yy.c
```

```
C:\Users\manoj>a
```

```
Enter File Name : sample.html
```

```
<html>
```

```
<body>
```

```
<h1>
```

```
</h1>
```

```
<p>
```

```
</p>
```

```
</body>
```

```
</html>
```

```
Number of HTML tags: 8
```