

Experiment -32

Write a LEX program to validate the URL.

Program:

```
%{
#include <stdio.h>
%}
%%

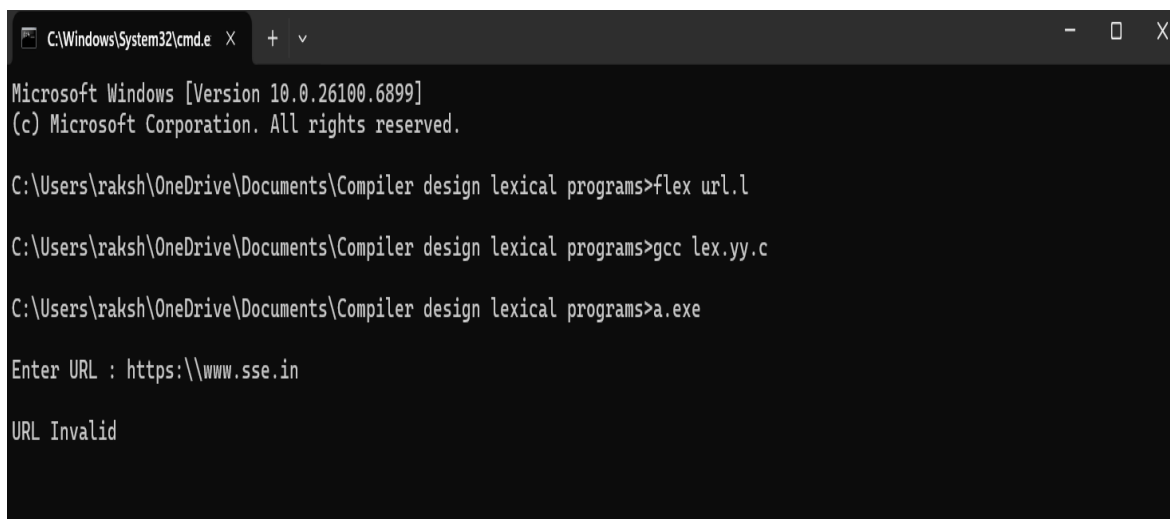
((http)|(ftp))s?:\\[a-zA-Z0-9](.[a-z])+([a-zA-Z0-9+=?]*)* {printf("\nURL Valid\n");}
.+ {printf("\nURL Invalid\n");}

%%

void main()
{
    printf("\nEnter URL : ");
    yylex();
    printf("\n");
}

int yywrap()
{
}
```

Output:



```
C:\Windows\System32\cmd.e  X  +  v
Microsoft Windows [Version 10.0.26100.6899]
(c) Microsoft Corporation. All rights reserved.

C:\Users\raksh\OneDrive\Documents\Compiler design lexical programs>flex url.l
C:\Users\raksh\OneDrive\Documents\Compiler design lexical programs>gcc lex.yy.c
C:\Users\raksh\OneDrive\Documents\Compiler design lexical programs>a.exe

Enter URL : https:\\www.sse.in

URL Invalid
```