

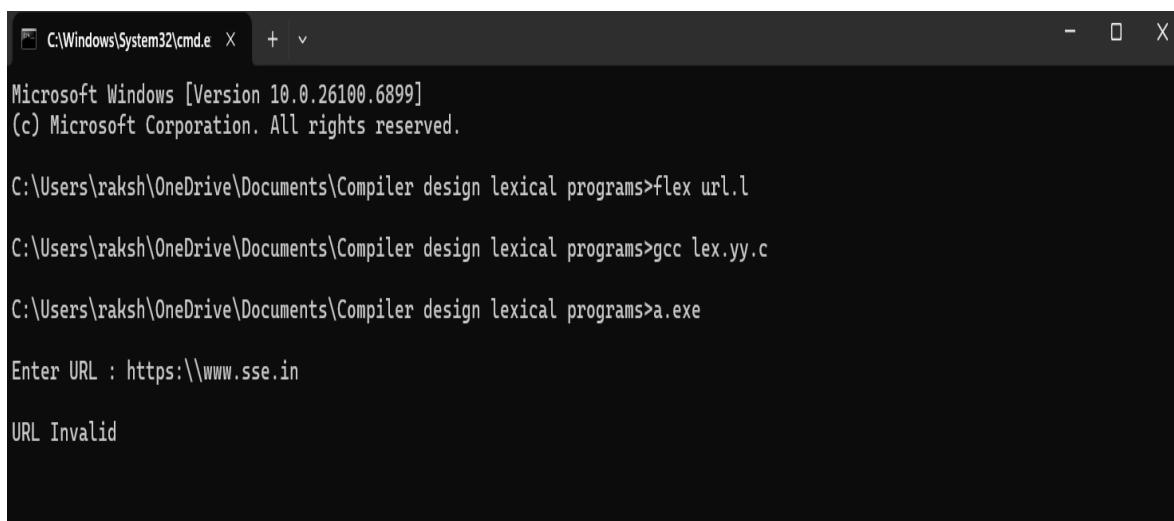
## Experiment -32

**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:**



The screenshot shows a Windows Command Prompt window titled 'C:\Windows\System32\cmd.exe'. The window displays the following text:

```
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
```