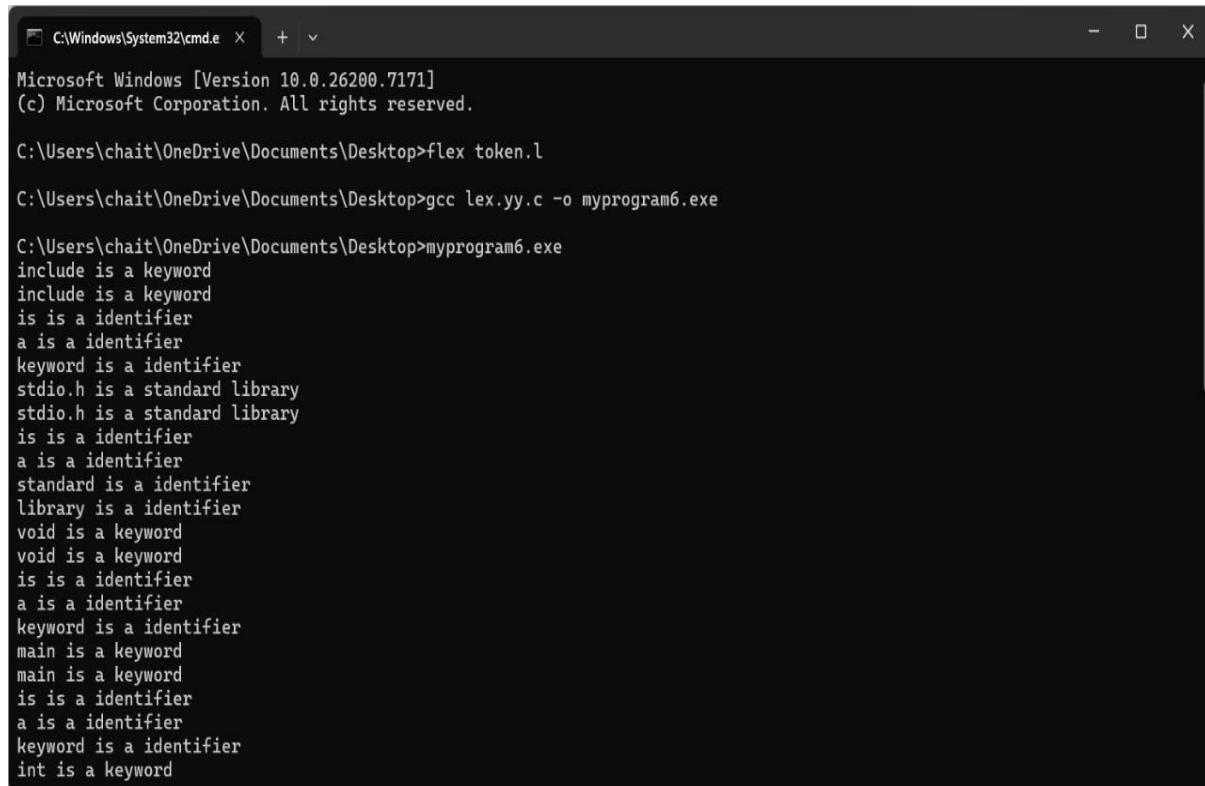


# EXPERIMENT-31

## AIM:

Implement Lexical Analyzer using FLEX (Fast Lexical Analyzer). The program should separate the tokens in the given C program and display with appropriate caption.

## PROGRAM&OUTPUT:



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

```
Microsoft Windows [Version 10.0.26200.7171]
(c) Microsoft Corporation. All rights reserved.

C:\Users\chait\OneDrive\Documents\Desktop>flex token.l

C:\Users\chait\OneDrive\Documents\Desktop>gcc lex.yy.c -o myprogram6.exe

C:\Users\chait\OneDrive\Documents\Desktop>myprogram6.exe
include is a keyword
include is a keyword
is is a identifier
a is a identifier
keyword is a identifier
stdio.h is a standard library
stdio.h is a standard library
is is a identifier
a is a identifier
standard is a identifier
library is a identifier
void is a keyword
void is a keyword
is is a identifier
a is a identifier
keyword is a identifier
main is a keyword
main is a keyword
is is a identifier
a is a identifier
keyword is a identifier
int is a keyword
```