```
%{
#include <stdio.h>
%}
%%
[\t ]+                   ;    /* Ignore whitespace and tabs */
[0-9]+|[0-9]*\.[0-9]+    { printf("\n%s is NUMBER", yytext); }
#.*                      { printf("\n%s is COMMENT", yytext); }
[a-zA-Z]+                { printf("\n%s is WORD", yytext); }
\n                       { /* print newline */ ECHO; }
%%
int main()
{
    printf("Enter a statement:\n");
    yylex();
    return 0;
}
int yywrap()
{
    return 1;
}
```

```
Command Prompt - a                                      X        +     ∨

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 numword.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 a statement:
Variables A and B contains 10 and 20 respectively

Variables is WORD
A is WORD
and is WORD
B is WORD
contains is WORD
10 is NUMBER
and is WORD
20 is NUMBER
respectively is WORD
```