

23. Write a LEX program to identify the capital words from the given input.

```
%{  
  
#include <stdio.h>  
  
%}  
  
%%  
  
[A-Z]+  { printf("Capital word: %s\n", yytext); }  
  
.  
  
%%  
  
int main() {  
  
    yyin = stdin;  
  
    yylex();  
  
    return 0;  
  
}  
  
int yywrap() { return 1; }
```

```
C:\windows\system32\cmd.exe X + v
Microsoft Windows [Version 10.0.22621.3007]
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C:\Users\91936>set path=%path%;C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\GnuWin32\bin;
C:\Users\91936>d:
D:\>flex 23.1
D:\>gcc lex.yy.c
D:\>a.exe
This is a sample input
Capital word: T
```