

Experiment -36

Develop a lexical Analyzer to accept string starting with vowels using lexical program.

Program:

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

%}

%%

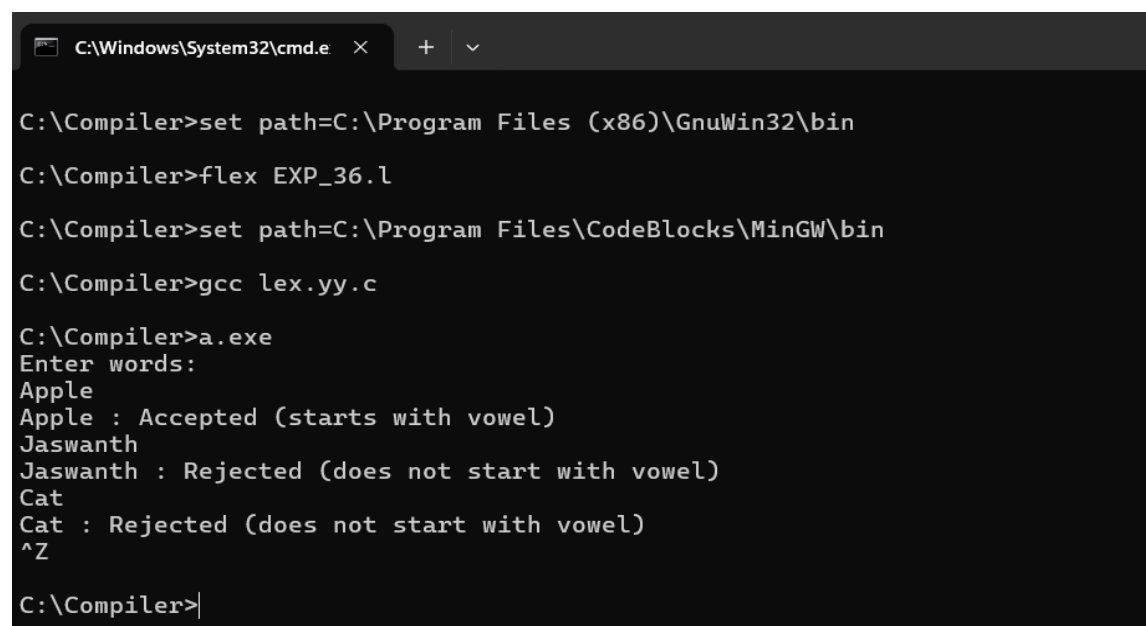
[aeiouAEIOU][a-zA-Z]* { printf("%s : Accepted (starts with vowel)\n", yytext); }
[a-zA-Z]+ { printf("%s : Rejected (does not start with vowel)\n", yytext); }
.\n ;

%%

int yywrap(){ return 1; }

int main() {
    printf("Enter words:\n");
    yylex();
    return 0;
}
```

Output:



```
C:\Windows\System32\cmd.e  X  +  v

C:\Compiler>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Compiler>flex EXP_36.l
C:\Compiler>set path=C:\Program Files\CodeBlocks\MinGW\bin
C:\Compiler>gcc lex.yy.c
C:\Compiler>a.exe
Enter words:
Apple
Apple : Accepted (starts with vowel)
Jaswanth
Jaswanth : Rejected (does not start with vowel)
Cat
Cat : Rejected (does not start with vowel)
^Z

C:\Compiler>|
```