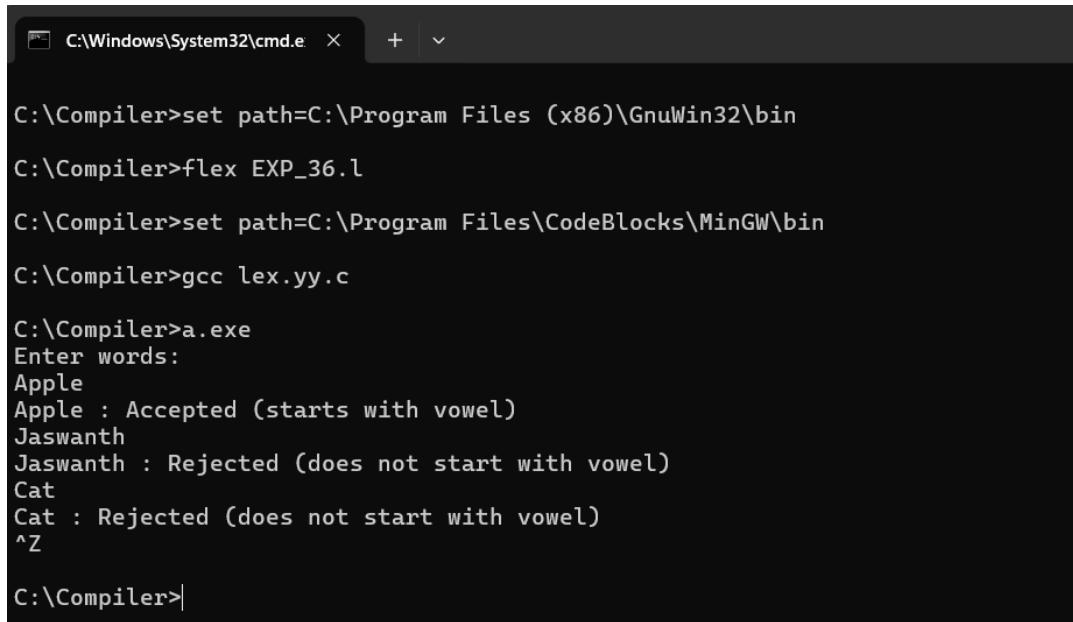


CODE

```
%{  
#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;  
}
```

SCREENSHOT



The screenshot shows a Windows Command Prompt window titled 'C:\Windows\System32\cmd.e'. The user has run several commands to set up the environment and build a lexical analyzer:

- 'set path=C:\Program Files (x86)\GnuWin32\bin'
- 'flex EXP_36.l'
- 'set path=C:\Program Files\CodeBlocks\MinGW\bin'
- 'gcc lex.yy.c'
- 'a.exe'

After running 'a.exe', the user enters words to test the lexer:

- 'Apple' is accepted because it starts with a vowel.
- 'Jaswanth' is rejected because it does not start with a vowel.
- 'Cat' is rejected because it does not start with a vowel.
- '^Z' indicates the end of input.