



keyid.l.txt



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H1 ▾

**B***I*

```
%{
#include <stdio.h>
%}
%%
if|else|while|int|switch|for|char { printf("\n%s is a KEYWORD", yytext); }
[a-zA-Z_][a-zA-Z0-9_]* { printf("\n%s is an IDENTIFIER", yytext); }
[ \t\n]+ { /* ignore whitespace */ }
[^a-zA-Z_ \t\n]+ { printf("\n%s is INVALID", yytext); }

%%
int yywrap() {
    return 1;
}
int main() {
    printf("Enter input:\n");
    yylex();
    return 0;
}
```

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 keyid.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 input:

if

if is a KEYWORD

sum

sum is an IDENTIFIER

123

123 is INVALID