

Microsoft Windows [Version 10.0.22631.2715]
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C:\sse>flex length_of_longest_word.l.txt

C:\sse>gcc lex.yy.c

length_of_longest_word.l.txt: In function 'yylex':
length_of_longest_word.l.txt:9:25: warning: implicit declaration of function 'strlen' [-Wimplicit-function-declaration]
count = strlen(yytext);
length_of_longest_word.l.txt:9:25: warning: incompatible implicit declaration of built-in function 'strlen'
length_of_longest_word.l.txt:9:25: note: include '<string.h>' or provide a declaration of 'strlen'

C:\sse>flex length_of_longest_word.l.txt

C:\sse>gcc lex.yy.c

C:\sse>a
i am krishnan and doing my college at saveetha university
The length of the longest word is: 1
The length of the longest word is: 2
The length of the longest word is: 8
The length of the longest word is: 3
The length of the longest word is: 5
The length of the longest word is: 2
The length of the longest word is: 7
The length of the longest word is: 2
The length of the longest word is: 8
The length of the longest word is: 10
|

File Edit View

```
%{  
    #include <stdio.h>  
    #include <string.h> // Add this line  
    int count = 0;  
    int max = 0;  
}%  
%%  
[a-zA-Z0-9]+ {  
    count = strlen(yytext);  
    if(count > max)  
        max = count;  
}  
  
[ \t\n] {  
    printf("The length of the longest word is: %d\n", max);  
    max = 0;  
    count = 0;  
}  
  
. {}  
%%  
  
int main(int argc, char *argv[]) {  
    yylex();  
    return 0;  
}  
int yywrap()  
{  
    return 1;  
}
```