%{

#include <stdio.h>

int max\_length = 0;

%}

%%

[A-Za-z]+ {

int current\_length = yyleng;

if (current\_length > max\_length) {

max\_length = current\_length;

}

}

. { /\* ignore other characters \*/ }

%%

int yywrap()

{

return 1;

}

int main(void) {

FILE \*input;

char file[99];

printf("enter file name=");

scanf("%s",file);

input=fopen(file,"r");

yyin=input;

yylex();

fclose(input);

printf("The length of the longest word is: %d\n", max\_length);

return 0;

}

Output

