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// CSB353 Compiler Design Lab4
#include<stdio.h>
int main(){
       char ch = 'a';
      float f = 3.14;
       int t = 61;
       if(t==61){
              printf("correct number\n");
       printf("Hello World\n");
       return 0;
}
%{
#include <stdio.h>
%}
%%
"int"|"float"|"char"|"if"|"else"|"while"|"for"|"return" {
printf("KEYWORD: %s\n", yytext);
}
[{};,()] {
printf("SEPARATOR: %s\n", yytext);
}
[+-/*%=] {
printf("OPERATOR: %s\n", yytext);
[a-zA-Z][a-zA-Z0-9]* {
printf("IDENTIFIER: %s\n", yytext);
[0-9]+ {
printf("NUMBER: %s\n", yytext);
.|\n { /* Ignore other characters */ }
%%
int main() {
yylex();
```

return 0; }



