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```
1 #option noyywrap
2 #include <stdio.h>
3 void yyerror(char *);
4 letter [a-zA-Z]
5 digit [0-9]
6 op [-+*/=]
7
8
9
10 else {int i; float f;
11     if (isdigit(yytext[i])) {printf("%s is a number\n", yytext);
12         return 1;
13     } else if (isalpha(yytext[i])) {printf("%s is an identifier\n", yytext);
14         return 2;
15     } else if (isop(yytext[i])) {printf("%s is an operator\n", yytext);
16         return 3;
17     } else {printf("error\n");
18         return 0;
19     }
20 }
21
22 int main()
23 {
24     yylex();
25     return 0;
26 }
```

----- Lex Build -----
Output completed (0 sec consumed) ~ Normal Termination

All Files (*.*) File

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```
if a=10/*
if a is an identifier
= is an operator
10 is a number
/ is an operator
* is an operator
```