```
%{
#include <stdio.h>
%}
%option noyywrap
%%
"++"        { printf("Increment/Decrement operator : %s\n", yytext); }
"--"        { printf("Increment/Decrement operator : %s\n", yytext); }
"+="|"-="|"*="|"/="|"%="|"&="|"|="|"^="  { printf("Compound assignment operator : %s\n",
yytext); }
"=="|"!="|"<="|">="  { printf("Relational operator : %s\n", yytext); }
"<"|">"          { printf("Relational operator : %s\n", yytext); }
"&&"|"||"        { printf("Logical operator : %s\n", yytext); }
"!"            { printf("Logical operator : %s\n", yytext); }
"="             { printf("Assignment operator : %s\n", yytext); }
"+"|"-"|"*"|"/"|"%"  { printf("Arithmetic operator : %s\n", yytext); }
"&"|"|"|"^"|"~"|"<<"|">>"  { printf("Bitwise operator : %s\n", yytext); }
";"|","|"(" | ")" | "{" | "}"
[0-9]+
[A-Za-z_][A-Za-z0-9_]*
[ \t\r\n]+
.             { printf("Unrecognized symbol : %s\n", yytext); }
%%
int main(void)
{
    printf("Enter text containing operators (Ctrl+D to end):\n");
    yylex();
```

```
    return 0;

}
```