CODE:  
#include <stdio.h>

#include <ctype.h>

#include <string.h>

void lex(char \*c) {

int i = 0;

while (c[i] != '\0') {

if (isspace(c[i])) {

i++;

continue;

}

if (c[i] == '/' && c[i + 1] == '/') {

while (c[i] != '\0' && c[i] != '\n') i++;

} else if (c[i] == '/' && c[i + 1] == '\*') {

i += 2;

while (c[i] != '\0' && !(c[i] == '\*' && c[i + 1] == '/')) i++;

if (c[i] != '\0') i += 2;

} else {

putchar(c[i++]);

}

}

}

int main() {

char c[] = " int a = 10; // this is a comment\n /\* multi-line \n comment \*/ b = 20; ";

lex(c);

return 0;

}

