CODE

#include <stdio.h>

#include <string.h>

void checkComment(char \*line) {

if (line[0] == '/' && line[1] == '/') {

printf("This is a single-line comment.\n");

return;

}

if (line[0] == '/' && line[1] == '\*') {

int len = strlen(line);

if (len >= 4 && line[len - 2] == '\*' && line[len - 1] == '/') {

printf("This is a multi-line comment.\n");

} else {

printf("This is the beginning of a multi-line comment (not closed on this line).\n");

}

return;

}

printf("This is not a comment.\n");

}

int main() {

char line[200];

printf("Enter a line of code: ");

fgets(line, sizeof(line), stdin);

size\_t len = strlen(line);

if (len > 0 && line[len - 1] == '\n') {

line[len - 1] = '\0';

}

checkComment(line);

return 0;

}

Screenshots:

