#include <stdio.h>

#include <string.h>

#include <stdbool.h>

#define MAX\_LINE\_LENGTH 256

bool is\_comment(const char \*line) {

int len = strlen(line);

if (len == 0) {

return false;

}

int i = 0;

while (i < len && (line[i] == ' ' || line[i] == '\t')) {

i++;

}

if (i < len - 1 && line[i] == '/' && line[i + 1] == '/') {

return true;

}

if (i < len - 1 && line[i] == '/' && line[i + 1] == '\*') {

for (int j = i + 2; j < len - 1; j++) {

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

return true;

}

}

}

return false;

}

int main() {

char line[MAX\_LINE\_LENGTH];

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

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

line[strcspn(line, "\n")] = 0;

if (is\_comment(line)) {

printf("The line is a comment.\n");

} else {

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

}

return 0;

}