

```
1  #include <stdio.h>
2  #include <string.h>
3  int main() {
4      char com[100];
5      int i, found = 0;
6      printf("Enter comment: ");
7      fgets(com, sizeof(com), stdin);
8      com[strcspn(com, "\n")] = '\0';
9      if (com[0] == '/') {
10         if (com[1] == '/') {
11             printf("It is a single-line comment\n");
12         }
13         else if (com[1] == '*') {
14             int len = strlen(com);
15             for (i = 2; i < len - 1; i++) {
16                 if (com[i] == '*' && com[i + 1] == '/') {
17                     printf("It is a multi-line comment\n");
18                     found = 1;
19                     break;
20                 }
21             }
22             if (!found)
23                 printf("It is not a proper comment\n");
24         }
25         else {
26             printf("It is not a comment\n");
27         }
28     } else {
29         printf("It is not a comment\n");
30     }
31     return 0;
32 }
```

Enter comment: `/* This is a comment */`

It is a multi-line comment