2. Develop a lexical Analyzer to identify whether a given line is a comment or not using C

#include<stdio.h>

#include<string.h>

int main()

{

char a[50];

int len;

printf("enter the text");

scanf("%[^\n]s",a);

len=strlen(a);

if(a[0]=='/'&&a[1]=='/')

{

printf("single line comment");

}

else if(a[0]=='/'&&a[1]=='\*' && a[len-1]=='/' && a[len-2]=='\*')

{

printf("multiple line comment");

}

else

{

printf("not a comment line");

}

return 0;

}

OUTPUT





