|  |  |
| --- | --- |
| Name: testt | Date: testt |
| Program: test | Program#: test |
| Professor: test | Language: test |

#include <stdio.h>  
#include <stdlib.h>  
int main(){  
 FILE \*fp = fopen("sofmeth 1.c", "r");  
 int lineCount = 0;  
 int multiFlag = 0;  
 int charFlag = 0;  
 int lineFlag = 0;  
 int tabFlag = 0;  
 int skipFlag = 0;  
 int i;  
 if(fp != NULL){  
 char line[1024];   
 while(fgets(line, sizeof(line), fp) != NULL){  
 for(i = 0; i < strlen(line); i++){  
 if(line[0] == '\n' || multiFlag == 1){  
 lineFlag = 1;  
 break;  
 }  
 if(line[i] == '/' && line[i+1] == '\*'){  
 lineFlag = 1;  
 multiFlag = 1;  
 }  
 if(line[i] == '\*' && line[i+1] == '/'){  
 lineFlag = 0;  
 multiFlag = 0;  
 i++;  
 skipFlag = 1;  
 }  
 if(line[i] != ' ' && skipFlag == 0){  
 if(line[i] == '/' && line[i+1] == '/' && charFlag == 0){  
 break;   
 }  
 if(line[i] == '\t' && charFlag == 0){  
 tabFlag = 1;  
 }  
 if(line[i] != '\t' && line[i] != '\n' && multiFlag == 0){  
 charFlag = 1;  
 tabFlag = 0;  
 }  
 }  
 if(i == strlen(line) - 1 && tabFlag == 1 && skipFlag == 0){  
 break;  
 }  
  
 lineCount++;  
 }  
 skipFlag = 0;  
 }  
 charFlag = 0;  
 tabFlag = 0;  
 lineFlag = 0;  
 multiFlag = 0;  
 }  
 fclose(fp);  
 printf("%d", lineCount);  
 }  
}