

// Count number of words in string :

```
#include<stdio.h>
void check(char*);

void main()
{
    char str[100];
    printf("Enter string"); //hi fbs
    gets(str);
    printf("%s",str);
    check(str);
}

void check(char*str)
{
    int i=0,count=0;
    while(str[i]!='\0')
    {
        if (str[i] != ' ' && str[i] != '\n' && str[i+1]!=' '||str[i+1]!='\n' || str[i+1] == '\0')
        {
            count++;
        }
        i++;
    }
    printf("count is %d",count);
}
```

sources Compile Log Debug Find Results Console Close

- Output Filename: C:\Users\admin\Documents\c\Test 8\library.exe
- Output Size: 345.642578125 KiB
- Compilation Time: 0.38s

15 Sel: 0 Lines: 26 Length: 399 Insert Done parsing in 0.015 seconds

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// print 1+11+111+111.....n :

```
#include<stdio.h>
void main()
{
    int p;
    printf("enter range ");
    scanf("%d",&p);
    long long int r=0;
    int n=1;
    for(int i=1;i<=p;i++)
    {
        r=r*10+n;
        printf("%lld",r);
        if(n!=0)
        {
            printf("+");
        }
    }
}
```

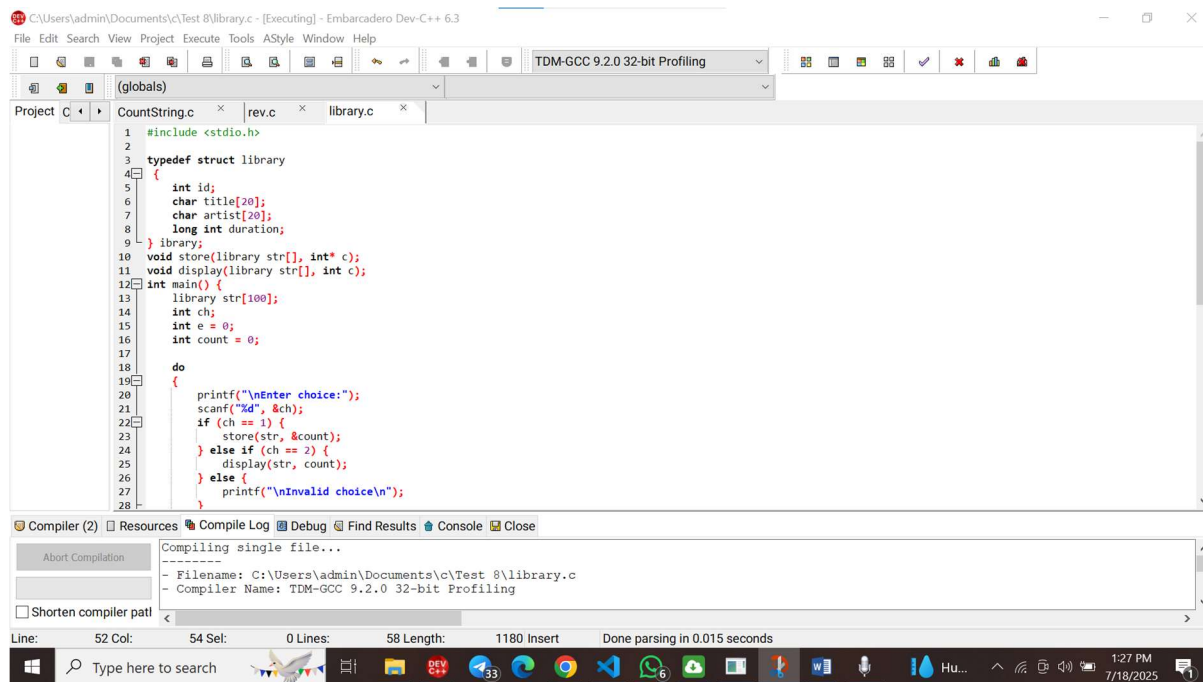
sources Compile Log Debug Find Results Console Close

- Output Filename: C:\Users\admin\Documents\c\Test 8\library.exe
- Output Size: 345.642578125 KiB
- Compilation Time: 0.38s

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// Library Management :



```
1 #include <stdio.h>
2
3 typedef struct library
4 {
5     int id;
6     char title[20];
7     char artist[20];
8     long int duration;
9 } library;
10 void store(library str[], int* c);
11 void display(library str[], int c);
12 int main() {
13     library str[100];
14     int ch;
15     int e = 0;
16     int count = 0;
17
18     do
19     {
20         printf("\nEnter choice:");
21         scanf("%d", &ch);
22         if (ch == 1) {
23             store(str, &count);
24         } else if (ch == 2) {
25             display(str, count);
26         } else {
27             printf("\nInvalid choice\n");
28         }
29     } while (ch != 0);
30 }
```

Compiler (2) | Resources | Compile Log | Debug | Find Results | Console | Close

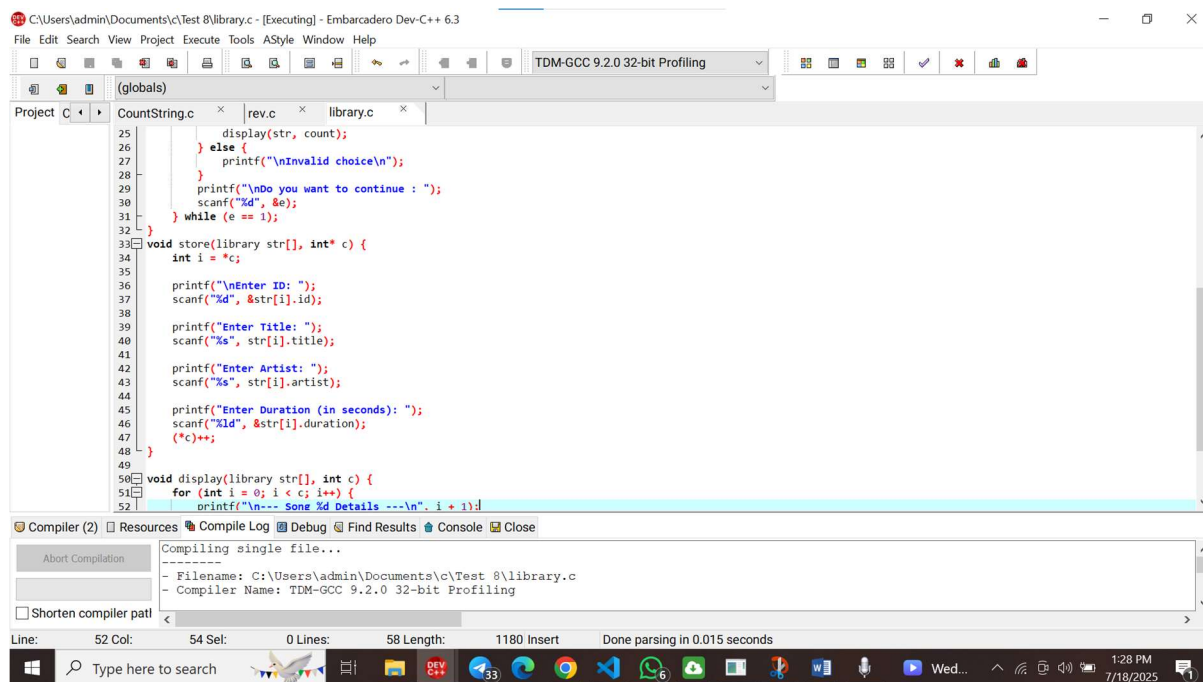
Abort Compilation

Compiling single file...

Filename: C:\Users\admin\Documents\c\Test 8\library.c
Compiler Name: TDM-GCC 9.2.0 32-bit Profiling

Shorten compiler path

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```
25     display(str, count);
26 } else {
27     printf("\nInvalid choice\n");
28 }
29 printf("\nDo you want to continue : ");
30 scanf("%d", &e);
31 } while (e == 1);
32 }
33 void store(library str[], int* c) {
34     int i = *c;
35
36     printf("\nEnter ID: ");
37     scanf("%d", &str[i].id);
38
39     printf("Enter Title: ");
40     scanf("%s", str[i].title);
41
42     printf("Enter Artist: ");
43     scanf("%s", str[i].artist);
44
45     printf("Enter Duration (in seconds): ");
46     scanf("%ld", &str[i].duration);
47     (*c)++;
48 }
49
50 void display(library str[], int c) {
51     for (int i = 0; i < c; i++) {
52         printf("\n--- Some %d Details ---\n", i + 1);
53     }
54 }
```

Compiler (2) | Resources | Compile Log | Debug | Find Results | Console | Close

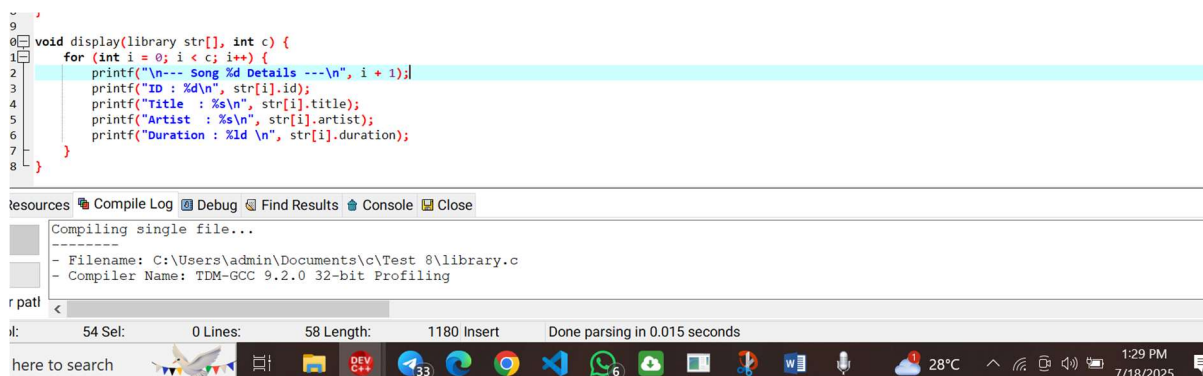
Abort Compilation

Compiling single file...

Filename: C:\Users\admin\Documents\c\Test 8\library.c
Compiler Name: TDM-GCC 9.2.0 32-bit Profiling

Shorten compiler path

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```
9
10 void display(library str[], int c) {
11     for (int i = 0; i < c; i++) {
12         printf("\n--- Some %d Details ---\n", i + 1);
13         printf("ID : %d\n", str[i].id);
14         printf("Title : %s\n", str[i].title);
15         printf("Artist : %s\n", str[i].artist);
16         printf("Duration : %ld\n", str[i].duration);
17     }
18 }
```

resources | Compile Log | Debug | Find Results | Console | Close

Compiling single file...

Filename: C:\Users\admin\Documents\c\Test 8\library.c
Compiler Name: TDM-GCC 9.2.0 32-bit Profiling

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