

```
1 //program to count no of words in string
2 #include <stdio.h>
3
4 void main()
5 {
6     char str[100];
7     int i=0,count=0;
8
9     printf("Enter a string :");
10    scanf("%[^\n]",str);
11
12    while(str[i] != '\0')
13    {
14        if((str[i] != ' ' && str[i] != '\t') && (i==0 || str[i-1] == ' ' || str[i-1] == '\t'))
15        {
16            count++;
17        }
18        i++;
19    }
20    printf("Total words = %d\n",count);
21 }
```

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\eesha\OneDrive\Desktop\FIRSTBIT\C++\Q3.exe
- Output Size: 324.171875 KiB
- Compilation Time: 0.23s

☐ Shorten compiler path

(globals)

Project Clas • Q1.c × Q2.c × Q3.c ×

```
1 #include <stdio.h>
2
3 void main()
4 {
5     int i,n;
6     long long int num=1;
7
8     printf("Enter n:");
9     scanf("%d",&n);
10
11     for(i=1;i<=n;i++)
12     {
13         printf("%lld",num);
14
15         if(i != n)
16         {
17             printf("+");
18         }
19         num=num*10+1;
20     }
21     printf("\n");
22 }
```

Compiler (1) Resources Compile Log Debug Find Results Console Close

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☐ Shorten compiler path

Line: 15 Col: 19 Sel: 0 Lines: 22 Length: 248 Insert Done parsing in 0 seconds



Project Clas * Q1.c x Q2.c x Q3.c x

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4
5 typedef struct{
6     int id;
7     char title[50];
8     char artist[50];
9     float duration;
10 }Song;
11
12 void addSong(Song *s, int n);
13 void displaySong(Song *s,int n);
14
15 void main()
16 {
17     Song *songs=NULL;
18     int choice,n=0;
19
20     do{
21         printf("\n-----MUSIC ALBUM-----\n");
22         printf("1.Add Songs\n2.Display Album\n3.Exit\n");
23         printf("Enter your choice : ");
24         scanf("%d", &choice);
25
26         if (choice ==1)
27         {
28             printf("Enter no of songs to add :");
29             scanf("%d", &n);
30
31             songs=(Song*)malloc(n*sizeof(Song));
32             addSong(songs, n);
33         }
34     } while(choice !=3);
35 }
```

Compiler (1) Resources Compile Log Debug Find Results Console Close

Abort Compilation

```
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```

☐ Shorten compiler pat

Line: 82 Col: 38 Sel: 0 Lines: 88 Length: 1715 Insert: Done parsing in 0 seconds

```

34 |         else if(choice == 2)
35 |         {
36 |             if(songs != NULL)
37 |             {
38 |                 displaySong(songs,n);
39 |             }
40 |             else
41 |             {
42 |                 printf("No songs in the ALBUM\n");
43 |             }
44 |         }
45 |         else if(choice == 3)
46 |         {
47 |             if(songs != NULL)
48 |             {
49 |                 free(songs);
50 |             }
51 |             printf("ALBUM exist\n");
52 |         }
53 |         else
54 |         {
55 |             printf("Invalid Choice\n");
56 |         }
57 |     }
58 | }while(choice != 3);
59 | }
60 |
61 | void addSong(Song *s, int n)
62 | {
63 |     for(int i=n;i<10;i++)
64 |     {
65 |         printf("Enter Song Details %d:\n",i+1);

```

Compiler (1) Resources Compile Log Debug Find Results Console Close

 C:\Users\neha\OneDrive\Desktop\FIRSTSEM\C++\Q1.c - [Executing] - Embedded IDE - C++

 - Program: 0

 - Main Input: 0

 - Output: C:\Users\neha\OneDrive\Desktop\FIRSTSEM\C++\Q1.c - [Executing] - Embedded IDE - C++

 - Output Size: 324.171815 KB

 - Compiler Version: 9.2.0

Shorten compiler path

Line: 62 Col: 38 Sel: 0 Lines: 88 Length: 1/15 Insert Done parsing in 0 seconds



```
Project Cla * Q1.c x Q2.c x Q3.c x
57     }while(choice != 3);
58 }
59 }
60
61 void addSong(Song *s, int n)
62 {
63     for(int i=0; i<n; i++)
64     {
65         printf("Enter Song Details %d:\n", i+1);
66         printf("Song ID: ");
67         scanf("%d", &s[i].id);
68         getchar();
69         printf("Song Title: ");
70         scanf("%[^\n]", s[i].title);
71         printf("Song Artist: ");
72         scanf("%[^\n]", s[i].artist);
73         printf("Song Durations (in mins): ");
74         scanf("%f", &s[i].duration);
75     }
76 }
77
78 void displaySong(Song *s, int n)
79 {
80     printf("\n--- MUSIC ALBUM ---\n");
81     for(int i = 0; i < n; i++) {
82         printf("\nSong %d\n", i + 1);
83         printf("ID: %d\n", s[i].id);
84         printf("Title: %s\n", s[i].title);
85         printf("Artist: %s\n", s[i].artist);
86         printf("Duration: %.2f mins\n", s[i].duration);
87     }
88 }
```

Compiler (1) Resources Compile Log Debug Find Results Console Close

Abort Compilation

☐ Shorten compiler pat

```
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- Warnings: 0
- Output Filename: C:\Users\eesha\OneDrive\Desktop\FIRSTBIT\C++\Q3.exe
- Output Size: 324.171875 KiB
- Compilation Time: 0.23s
```

Line: 82 Col: 38 Sel: 0 Lines: 88 Length: 1715 Insert: Done parsing in 0 seconds

