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Language C

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main.c

```
1  //*****
2
3      Online C Compiler.
4      Code, Compile, Run and Debug C program online.
5      Write your code in this editor and press "Run" button to compile and execute it.
6
7  //*****
8
9  #include <stdio.h>
10 struct book
11 {
12     int bid;
13     char bt[25];
14     char author[30];
15     float price;
16 };
17 int main()
18 {
19     struct book bk;
20     printf("Enter the detail\n");
21     scanf("%d%s%sf",&bk.bid,bk.bt,bk.author,&bk.price);
22     printf("detail are:\n");
23     printf("%d\n%s\n%s\n%f\n",bk.bid,bk.bt,bk.author,bk.price);
24     return 0;
25 }
```

input

Enter the detail  
13022  
jghsad  
bdjh  
71809  
detail are:  
13022  
jghsad  
bdjh  
71809.000000

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main.c

```
9 #include<stdio.h>
10 #include<string.h>
11 #include<stdlib.h>
12 struct book
13 {
14     char book_title[20];
15     char author[10];
16     float price;
17     int no_pages;
18 };
19 typedef struct book B;
20 void read_book(B a[],int n)
21 {
22     for(int i=0;i<n;i++)
23     {
24         scanf("%s%s%f%d",a[i].book_title,a[i].author,&(a[i].price),&(a[i].no_pages));
25     }
26 }
27 void diplay(B a[],int n)
28 {
29     for(int i=0;i<n;i++)
30     {
31         printf("%s %s %f %d\n",a[i].book_title,a[i].author,(a[i].price),a[i].no_pages);
32     }
33 }
34 void search(B a[],int n,char key[])
35 {
36     int price;
37     for(int i=0;i<n;i++)
38     {
39         if(strcmp(a[i].book_title,key))
40         {
41             printf("Search Sucessfull !\n");
42             printf("Enter the new price\n");
43             scanf("%d",&price);
44             a[i].price=price;
45             return;
46 }
```

CodeBlocks

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main.c

```
38 {
39     if(strcmp(a[i].book_title,key))
40     {
41         printf("Search Sucessfull !\n");
42         printf("Enter the new price\n");
43         scanf("%d",&price);
44         a[i].price=price;
45         return;
46     }
47     else
48         printf("Search Unsucessfull !\n");
49 }
50 }
51 int main()
52 {
53     B a[10];
54     int n,ch;
55     char key[10];
56     printf("Enter the number of books\n");
57     scanf("%d",&n);
58     printf("Enter the values as Book Title,Author,Price,No of pages\n");
59     read_book(a,n);
60     while(1)
61     {
62         printf("Enter the choices\n1.Read\n2.Display\n3.Search\n4.Exit\n");
63         scanf("%d",&ch);
64         switch(ch)
65         {
66             case 1:read_book(a,n+1);
67                 break;
68             case 2:diplay(a,n);
69                 break;
70             case 3:printf("Enter the title to search\n");
71                 scanf("%s",key);
72                 search(a,n,key);
73                 break;
74             case 4:exit(0);
75             default:printf("Enter a valid choice\n");
```

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main.c

55 char key[10];

56 printf("Enter the number of books\n");

57 scanf("%d",&n);

58 printf("Enter the values as Book Title,Author,Price,No of pages\n");

59 read\_book(a,n);

60 while(1)

61 {

62 printf("Enter the choices\n1.Read\n2.Display\n3.Search\n4.Exit\n");

63 scanf("%d",&ch);

64 switch(ch)

65 {

66 case 1:read\_book(a,n+1);

67 break;

68 case 2:diplay(a,n);

69 break;

70 case 3:printf("Enter the title to search\n");

71 scanf("%s",key);

72 search(a,n,key);

73 break;

74 case 4:exit(0);

75 default:printf("Enter a valid choice\n");

76 }

77 }

78 }

input

Enter the number of books

3

Enter the values as Book Title,Author,Price,No of pages

sijkdhf

ajsdk

798

897

jkjkd

piupio

8098

899

Type here to search

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main.c

55 char key[10];

56 printf("Enter the number of books\n");

57 scanf("%d",&n);

58 printf("Enter the values as Book Title,Author,Price,No of pages\n");

59 read\_book(a,n);

60 while(1)

61 {

62 printf("Enter the choices\n1.Read\n2.Display\n3.Search\n4.Exit\n");

63 scanf("%d",&ch);

64 switch(ch)

65 {

66 case 1:read\_book(a,n+1);

67 break;

68 case 2:diplay(a,n);

69 break;

70 case 3:printf("Enter the title to search\n");

71 scanf("%s",key);

72 search(a,n,key);

73 break;

74 case 4:exit(0);

75 default:printf("Enter a valid choice\n");

76 }

77 }

78 }

input

4.Exit

2

sijkdhf aj sdk 798.000000 897

jkjad piupo 8098.000000 899

iuashf kjadfn 1233.000000 890

Enter the choices

1.Read

2.Display

3.Search

4.Exit

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main.c

```
1 #include <stdio.h>
2 struct book
3 {
4     char title[10];
5     char author[10];
6     float price;
7     int no_pages;
8 };
9
10 void read(struct book *);
11 void print(struct book *);
12
13 int main()
14 {
15     struct book bk;
16     struct book *sptr=&bk;
17     read(sptr);
18     print(sptr);
19     return 0;
20 }
21
22 void read(struct book *t)
23 {
24     printf("Enter the title, author name, price and number of pages in order");
25     scanf("%s%s%f%d", (t->title), (t->author), &(t->price), &(t->no_pages));
26 }
```

Input

LSJD  
2738  
1000  
The book details are  
2 LSJD 2738.000000 1000  
...Program finished with exit code 0  
Press ENTER to exit console

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main.c

```
7   int no_pages;
8   };
9
10  void read(struct book *);
11  void print(struct book *);
12
13  int main()
14  {
15      struct book bk;
16      struct book *sptr=&bk;
17      read(sptr);
18      print(sptr);
19      return 0;
20  }
21
22  void read(struct book *t)
23  {
24      printf("Enter the title, author name, price and number of pages in order");
25      scanf("%s%s%f%d", (t->title), (t->author), &(t->price), &(t->no_pages));
26  }
27
28  void print(struct book *t)
29  {
30      printf("The book details are\n");
31      printf("\n%s\t%s\t%f\t%d", (t->title), (t->author), (t->price), (t->no_pages));
32  }
```

Input

LSJD  
2738  
1000  
The book details are  
2 LSJD 2738.000000 1000  
...Program finished with exit code 0  
Press ENTER to exit console

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