

```
#include <stdio.h>
struct Book {
    int book_id;
    char title[100];
    char author[100];
    float price;
};
```

```
void displayBook(struct Book b) {
    printf("---- Book Details ----\n");
    printf("BOOK ID : %d\n", b.book_id);
    printf("Title : %s\n", b.title);
    printf("Author Name : %s\n", b.author);
    printf("Price : %.2f\n", b.price);
}
```

```
int main() {
    struct Book b1;

    printf("Enter Book ID: ");
    scanf("%d", &b1.book_id);

    printf("Enter Book Title: ");
    scanf("%[^\\n]", b1.title);

    printf("Enter Author Name: ");
    scanf("%[^\\n]", b1.author);
```

Teacher's Signature: _____

```
printf ("Enter Price : ");  
scanf ("%f", & b1. per price);
```

```
displayBook (b1);
```

```
return 0;
```

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main.c

```
1 #include <stdio.h>
2 struct Book {
3     int book_id;
4     char title[100];
5     char author[100];
6     float price;
7 };
8 void displayBook(struct Book b) {
9     printf("\n--- Book Details ---\n");
10    printf("Book ID      : %d\n", b.book_id);
11    printf("Title       : %s\n", b.title);
12    printf("Author Name : %s\n", b.author);
13    printf("Price       : %.2f\n", b.price);
14 }
15 int main() {
16     struct Book b1;
17
18     printf("Enter Book ID: ");
19     scanf("%d", &b1.book_id);
20
21     printf("Enter Book Title: ");
22     scanf(" %[^\n]", b1.title);
23
24     printf("Enter Author Name: ");
25     scanf(" %[^\n]", b1.author);
```

Output

Enter Book ID: 101
Enter Book Title: the c programming
Enter Author Name: D. M. RITCHIE
Enter Price: 500

--- Book Details ---
Book ID : 101
Title : the c programming
Author Name : D. M. RITCHIE
Price : 500.00

--- Code Execution Successful ---

Clear

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main.c

```
7 }:
8 void displayBook(struct Book b) {
9     printf("\n--- Book Details ---\n");
10    printf("Book ID      : %d\n", b.book_id);
11    printf("Title       : %s\n", b.title);
12    printf("Author Name : %s\n", b.author);
13    printf("Price       : %.2f\n", b.price);
14 }
15 int main() {
16     struct Book b1;
17
18     printf("Enter Book ID: ");
19     scanf("%d", &b1.book_id);
20
21     printf("Enter Book Title: ");
22     scanf(" %[^\n]", b1.title);
23
24     printf("Enter Author Name: ");
25     scanf(" %[^\n]", b1.author);
26
27     printf("Enter Price: ");
28     scanf("%f", &b1.price);
29     displayBook(b1);
30     return 0;
31 }
```

Output

```
^ Enter Book ID: 101
Enter Book Title: the c programming
Enter Author Name: D. M. RITCHIE
Enter Price: 500

--- Book Details ---
Book ID      : 101
Title       : the c programming
Author Name : D. M. RITCHIE
Price       : 500.00

== Code Execution Successful ==
```

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