

3.) Create a Book Structure containing book-id, title, author name, and price. Write a C program to pass a structure as a function argument and print the book details.

```
#include <stdio.h>
```

```
struct Book {
```

```
    int book-id;
```

```
    char title[100];
```

```
    char author[100];
```

```
    float price;
```

```
};
```

```
void displayBook(struct Book b) {
```

```
    printf("\n --- Book Details --- \n");
```

```
printf("\n Title: %s", b.title);
```

```
printf("\n Book ID: %d\n", b.book-id);
```

```
printf("\n Title: %s\n", b.title);
```

```
printf("\n Author: %s\n", b.author);
```

```
printf("\n Price: %.2f\n", b.Price);
```

```
}
```

Teacher's Signature _____

Remarks:


```
int main() {
```

```
    struct Book b1;
```

```
    printf("Enter book ID : ");
```

```
    scanf("%d", &b1.book_id);
```

```
    printf("Enter book title : ");
```

```
    scanf("%[^\n]", b1.title);
```

```
    printf("Enter the author name : ");
```

```
    scanf("%[^\n]", b1.author);
```

```
    printf("Enter the price : ");
```

```
    scanf("%f", &b1.price);
```

```
    display Book (b1);
```

```
    return 0;
```

```
}
```


main.c

Share

Run














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

Output

Enter book ID: 121
Enter book title: C Programming
Enter the author name: Brian
Enter the price: 1500

--- Book Details ---
Book ID: 121
Title: C Programming
Author: Brian
Price: 1500.00

=== Code Execution Successful ===



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