

## LAB: 9

**Statement:** Write a program illustrating structure

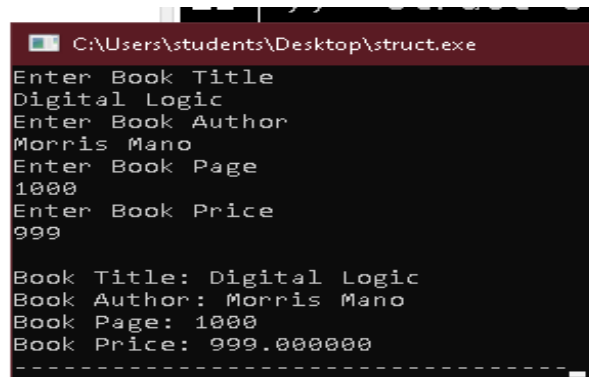
**Program**

```
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main(){
    struct lib_books
    {
        char title[20];
        char author[15];
        int page;
        float price;
    };
    struct lib_books book1;
    printf("Enter Book Title \n");
    gets(book1.title);
    printf("Enter Book Author \n");
    gets(book1.author);
    printf("Enter Book Page \n");
    scanf("%d", &book1.page);
    printf("Enter Book Price \n");
    scanf("%f", &book1.price);
    // struct lib_books book1 = {"Let us C","Dennis Ritchie",984,1000};
    // struct lib_books book2 ={"Digital Logic","Morris Mano",1500,2500};

    // strcpy(book1.title,"Let us C");
    // strcpy(book1.author,"Dennis Ritchie");
    // book1.page=984;
    // book1.price=1000;

    void display(char title[20],char author[15],int page, float price){
        printf("\nBook Title: %s",title);
        printf("\nBook Author: %s",author);
        printf("\nBook Page: %d",page);
        printf("\nBook Price: %f",price);
        printf("\n-----");
    }
    display(book1.title,book1.author,book1.page,book1.price);
    // display(book2.title,book2.author,book2.page,book2.price);
    getch();
}
```

## Output



```
C:\Users\students\Desktop\struct.exe
Enter Book Title
Digital Logic
Enter Book Author
Morris Mano
Enter Book Page
1000
Enter Book Price
999

Book Title: Digital Logic
Book Author: Morris Mano
Book Page: 1000
Book Price: 999.000000
-----
```