

```

#include<stdio.h>
struct books{
    char title[30];
    char author[30];
    float price;
    int pages;
    char dateofp[30];
};
int main()
{
    struct books book1,book2,book3;
    printf("Enter the Titles of Book1 Book2 and Book3\n");
    scanf("%s %s %s", book1.title, book2.title, book3.title);
    printf("Enter the Author of Book1 Book2 and Book3\n");
    scanf("%s %s %s", book1.author,book2.author, book3.author);
    printf("Enter the Price of Book1 Book2 and Book3\n");
    scanf("%f %f %f", &book1.price, &book2.price, &book3.price);
    printf("Enter the number of pages of Book1 Book2 and
Book3\n");
    scanf("%d %d %d",&book1.pages,&book2.pages,&book3.pages);
    printf("Enter the Dates of publication of Book1 Book2 and
Book3\n");
    scanf("%s %s %s", book1.dateofp,book2.dateofp,book3.dateofp);
    printf("Title of Book1 %s\n",book1.title);
    printf("Author of Book1 %s\n",book1.author);
    printf("Price of Book1 %0.2f\n",book1.price);
    printf("Number of pages in Book1 %d\n",book1.pages);
    printf("Date of publication of Book1 %s\n",book1.dateofp);
    printf("Title of Book2 %s\n",book2.title);
    printf("Author of Book2 %s\n",book2.author);
    printf("Price of Book2 %0.2f\n",book2.price);
    printf("Number of pages in Book2 %d\n",book2.pages);
    printf("Date of publication of Book2 %s\n",book2.dateofp);
    printf("Title of Book3 %s\n",book3.title);
    printf("Author of Book3 %s\n",book3.author);
    printf("Price of Book3 %0.2f\n",book3.price);
    printf("Number of pages in Book3 %d\n",book3.pages);
    printf("Date of publication of Book3 %s\n",book3.dateofp);
    if(book1.price>book2.price && book1.price>book3.price)
    {

```

```

printf("Book1 has highest price");
printf("*****Details of Book 1*****\n");
printf("Title of Book1 %s\n",book1.title);
printf("Author of Book1 %s\n",book1.author);
printf("Price of Book1 %0.2f\n",book1.price);
printf("Number of pages in Book1 %d\n",book1.pages);
printf("Date of publication of Book1 %s\n",book1.dateofp);
printf("*****\n");
}
else if(book2.price>book1.price && book2.price>book3.price)
{
printf("Book 2 has highest price\n");
printf("*****Details of Book 2*****\n");
printf("Title of Book2 %s\n",book2.title);
printf("Author of Book2 %s\n",book2.author);
printf("Price of Book2 %0.2f\n",book2.price);
printf("Number of pages in Book2 %d\n",book2.pages);
printf("Date of publication of Book2 %s\n",book2.dateofp);
printf("*****\n");
}
else
{
printf("Book 3 has highest price\n");
printf("*****Details of Book 3*****\n");
printf("Title of Book3 %s\n",book3.title);
printf("Author of Book3 %s\n",book3.author);
printf("Price of Book3 %0.2f\n",book3.price);
printf("Number of pages in Book3 %d\n",book3.pages);
printf("Date of publication of Book3 %s\n",book3.dateofp);
printf("*****\n");
}
return 0;
}

```

```
Enter the Titles of Book1 Book2 and Book3
emma frankenstein 1984
Enter the Author of Book1 Book2 and Book3
austen shelly owell
Enter the Price of Book1 Book2 and Book3
399 499 699
Enter the number of pages of Book1 Book2 and Book3
123 234 344
Enter the Dates of publication of Book1 Book2 and Book3
12/8/21 13/7/2021 23/9/2021
Title of Book1 emma
Author of Book1 austen
Price of Book1 399.00
Number of pages in Book1 123
Date of publication of Book1 12/8/21
Title of Book2 frankenstein
Author of Book2 shelly
Price of Book2 499.00
Number of pages in Book2 234
Date of publication of Book2 13/7/2021
Title of Book3 1984
Author of Book3 owell
Price of Book3 699.00
Number of pages in Book3 344
Date of publication of Book3 23/9/2021
Book 3 has highest price
*****Details of Book 3*****
Title of Book3 1984
Author of Book3 owell
Price of Book3 699.00
Number of pages in Book3 344
Date of publication of Book3 23/9/2021
*****
ayushxyz@Ayushs-MacBook-Air ~ %
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