



**SUBJECT: pf**

**By**

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# Complex Engineering

## Activity :

```
#include<conio.h>
#include<stdio.h>
#include<string.h>
struct library{
char bookname[100];
char auther [100];
int noofpages;
float price;
};
int main(){
printf("mohammad khetab 20MDELE214");
struct library lib[200];
char bookname[30];
int i,j,keepcount;
i=j=keepcount=0;
```

```
while(j!=6){
printf("\n1.Add book information\n");
printf("2.Display book information\n");
printf("3.no of books in the library\n");
printf("4.Exit");
printf("\n\nEnter one of the above :");
scanf("%d",&j);
switch(j){
case 1:
printf("Enter book name =");
scanf("%s",lib[i].bookname);
printf("Enter auther name=");
scanf("%s",lib[i].auther);
printf("Enter pages =");
scanf("%d",&lib[i].noofpages);
printf("Enter price =");
scanf("%f",&lib[i].price);
keepcount++;
i++;
```

```
break;
```

```
case 2:
```

```
printf("you have entered the following  
information\n");
```

```
for(i=0; i<keepcount; i++){
```

```
printf("book name = %s\n",lib[i].bookname);
```

```
printf("\t auther name = %s\n",lib[i].auther);
```

```
}
```

```
printf("\t pages = %d\n",lib[i].noofpages);
```

```
printf("\t price=%f\n",lib[i].price);
```

```
}
```

```
break;
```

```
case 3:
```

```
printf("\n no of books in library:%d",keepcount);
```

```
break;
```

```
}
```

```
}Return0;
```

# Task No : 1

```
includeconio.h>
#include<stdio.h>
#includecstring-h>
4struct library{
char bookname[100];
char author [180)
int noofpages;
loat price;
1e int sain(
11 printf("mohammad khetab 20MDELE214");
ue brery 11b|200I3
ar booana 56]i
14 t 1,3,eeptount
15 1jukeepcount 8;
16 while (jlm6){
printfnl.Add book information\n )
```

```

printf(2.Display book information \n");
printf("no of books in the library\n");
printf(4. Exit");
printf("\nEnter one of the above ");
scanf("%d",&j);
switch (j)
case
printf("Enter book name ");
scanf("%s",&lib[s].bookname);
printf("Enter author name");
scanf("%s",&lib[s].author);
printf("Enter pages");
scanf("%d",&lib[s].noofpages);
printf("Enter price ");
scanf("%d",&lib[s].price);

```

Task No : 2

printf(in\Enter one of the above i)

Scanf("81) e above ")

dtchHM

ase

printf("Entar boak name")

scanf("s",1ib[3] .booknane);

printf("Enter auther nane");

scanf(X",11b[4] .auther)

printf("Enter pages");

scanf (,al1b[1].noofpages)

peintf("Enter price")

scanf(3,alib[1]-price)s

kaepcount+e

1+1

breas;

case 21

peintf("you have entered the fellewing  
information\n");

far(im8 ickeepcount; i++)

P uEer name a \n ].author);

printt pages 1d, 11b ].noofpages)

printf("t priceifn",lib[i]-price)s

rcak

case

peintf(n no of boaks in  
1library:kd",kospcount) ;

reak



return 8