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[LIBRARY MANAGEMENT MINY PROJECT]

```
#include <stdio.h>
#include<conio.h>
#include<stdlib.h>
#include<string.h>
```

```
struct library {
char bk_name[30];
char author[30]; int
pages; float price;
};
```

```
int main() { struct library
l[100]; char
ar_nm[30],bk_nm[30]; int
i,j, keepcount;
i=j=keepcount = 0;
```

```
while(j!=6) { printf("\n\n1. Add book information\n2. Display book
information\n"); printf("3. List all books of given author\n");
printf("4. List the title of specified book\n"); printf("5. List the count
of books in the library\n"); printf("6. Exit");
```

```
printf ("\n\nEnter one of the above : ");
scanf("%d",&j);
```

```
switch (j) { /* Add
book */ case
1:
```

```
printf ("Enter book name = "); scanf
("%s",l[i].bk_name);
```

```
printf ("Enter author name = ");
scanf ("%s",l[i].author);
```

```
printf ("Enter pages = ");
scanf ("%d",&l[i].pages);
```

```
printf ("Enter price = "); scanf
("%f",&l[i].price);
keepcount++;
```

```

break; case 2: printf("you have entered the following
information\n"); for(i=0; i<keepcount; i++)
{ printf ("book name =
%s",l[i].bk_name);

printf ("\t author name = %s",l[i].author);

printf ("\t pages = %d",l[i].pages);

printf ("\t price = %f",l[i].price);
} break;

case 3: printf ("Enter author
name : "); scanf ("%s",ar_nm);
for (i=0; i<keepcount; i++)
{
if (strcmp(ar_nm, l[i].author) == 0)
printf ("%s %s %d %f",l[i].bk_name,l[i].author,l[i].pages,l[i].price);
} break;

case 4: printf ("Enter book
name : "); scanf
("%s",bk_nm); for (i=0;
i<keepcount; i++)
{
if (strcmp(bk_nm, l[i].bk_name) == 0)
printf ("%s \t %s \t %d \t %f",l[i].bk_name,l[i].author,l[i].pages,l[i].price);
} break;

case 5: printf("\n No of books in library : %d",
keepcount); break; case 6: exit (0);

}
}

return 0;
}

```