```c
#include<stdio.h>
#include<stdlib.h>
#include<string.h>
int main()
{  const int MAX = 1000;
   struct libary
   {
      int acc_no;
      int f;
      float price;
      char nam[1000];
      char author[1000];
   }arr[1000];
   int j=0,p;
    int x=1,f=1,c=0;
    int ch,i;
    char aut[100];
    int accession;
    char pt[100];
     while(x==1)
     {
      int k=0;
      printf("\n enter the choice \n ");
      printf("enter 1 for entering book information \n ");
      printf("enter 2 for displaying book information \n ");
      printf("enter 3 to know list of all books of the given author \n ");
      printf("enter 4 to list the title of the specified book \n ");
      printf("enter 5 to know count of books in libary book \n ");
      printf("enter 6 to list the book in accession number \n ");
      printf("enter 7 to exit from the process \n ");
      scanf("%d",&ch);
      switch(ch){
        case 1:
          printf("enter the name of the book \n");
          fflush(stdin);
          fgets(arr[j].nam,MAX,stdin);
          printf("enter the name of the author \n ");
          fflush(stdin);
          fgets(arr[j].author,MAX,stdin);
          printf("enter the price of book \n ");
          scanf("%f",&arr[j].price);
          printf("enter 0 if the book is issued \n ");
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            scanf("%d",&arr[j].f);
            arr[j].acc_no=j;
            j++;
            break;
        case 2:
            for(i=0;i<j;i++){
            puts(arr[i].nam);
            puts(arr[i].author);
            printf("\n%f",arr[i].price);
            if(arr[i].f==0){
                printf("  ");
                printf("\n the book is issued ");
                printf("\n");
            } else {
                //printf("  ");
                printf("\nthe book is not issued ");
                printf("\n");
            }

        } break;
        case 3:
            printf("enter the name of the author:");
              fflush(stdin);
            fgets(aut,MAX,stdin);
            for(i=0;i<j;i++){
                //puts(arr[i].author);
            if(strcmp(arr[i].author,aut)==0 ){
                puts(arr[i].nam);
                k++;
            }
            }
            if(k==0){
            printf("\n no book aviable");
             }
            break;
        case 4:
            printf("enter the acession no:");
            scanf("%d",&accession);
            for(i=0;i<j;i++){
            if(arr[i].acc_no==accession)
            puts(arr[i].nam);
            printf("\n");
        } break;
        case 5:
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        printf("the number of books in libary is %d",j);
        break;
        case 6:
         for(i=0;i<j;i++){
            puts(arr[i].nam);
        } break;
        case 7:
         x=0;
        break;
        default:
        printf("please enter the correct choice,invalid choice entered");
      }

    }
}
```