Write a program for a library database.

The program stores in a file called library.dat a list of books. Each book is described by:

1. Title
2. Author
3. Price in euro (decimal allowed)
4. Year of Publication

Use a c struct to store the information of each book.

1. Write a c program that asks the users to insert books until the user decides to stop the procedure.
2. Write a c program to display the content of the file (so, for each book, all the data associated with it).

Sample code

Use as reference this sample code for implementing the inserting loop.

```
char option[10]
printf("Add another book?");
scanf("%s",option);
while (strcmp(option,"Y")==0)
{
        // add all the code you need to insert a new book

        // at the end of the loop ask again
        fflush(stdin);  //Add this before asking, the keyboard buffer must be empty
        printf("Add another book?");
        scanf("%s",option);

}
```
Remember to open the file in APPEND BINARY mode.