DATA STRUCTURES AND ITS APPLICATIONS

UE22CS252A

3rd Semester, Academic Year 2023

MINI PROJECT

LIBRARY MANAGEMENT SYSTEM

**Team Members:**

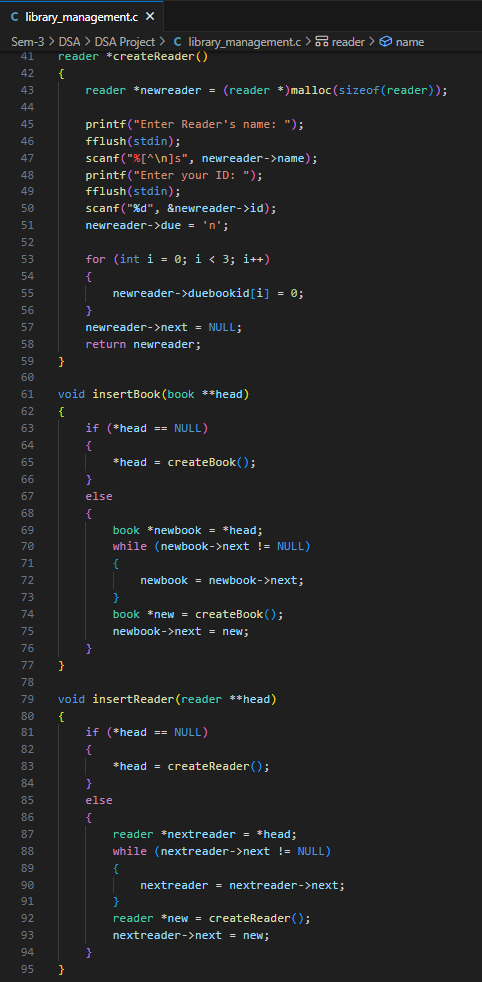
**Aarav Raj - PES2UG22CS007**

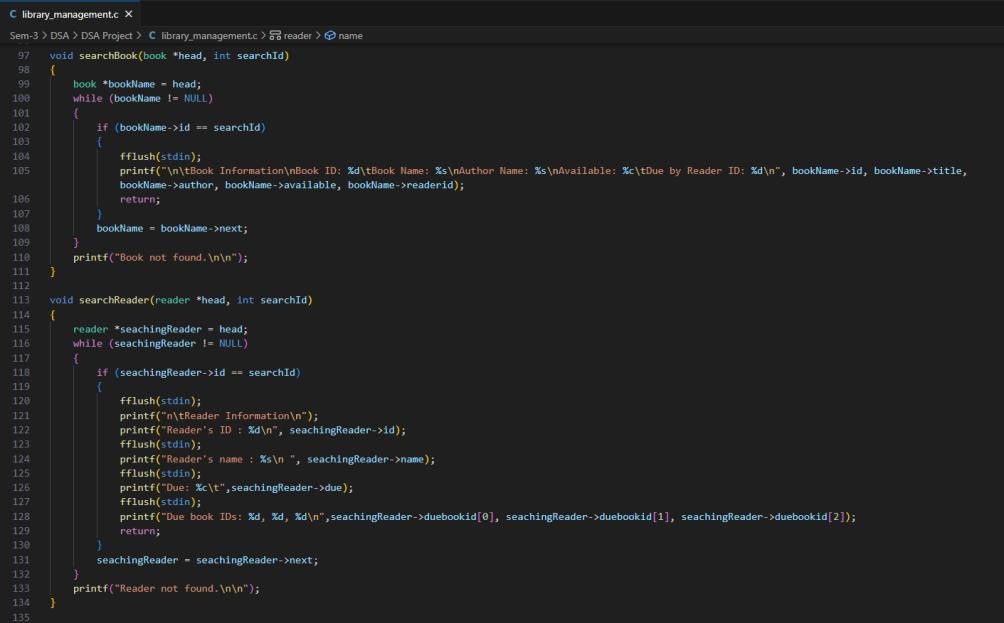
**Aathil Nishad - PES2UG22CS011 Abhishek R Rathod - PES2UG22CS020**

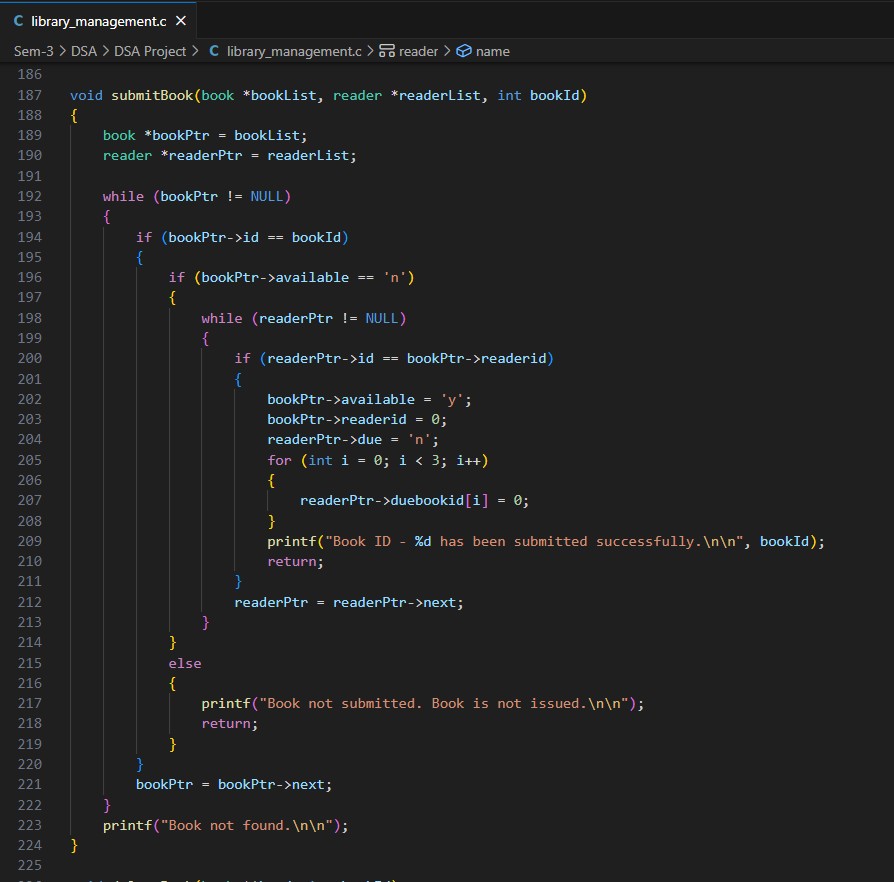
**Akash G Gaonkar - PES2UG22CS043**

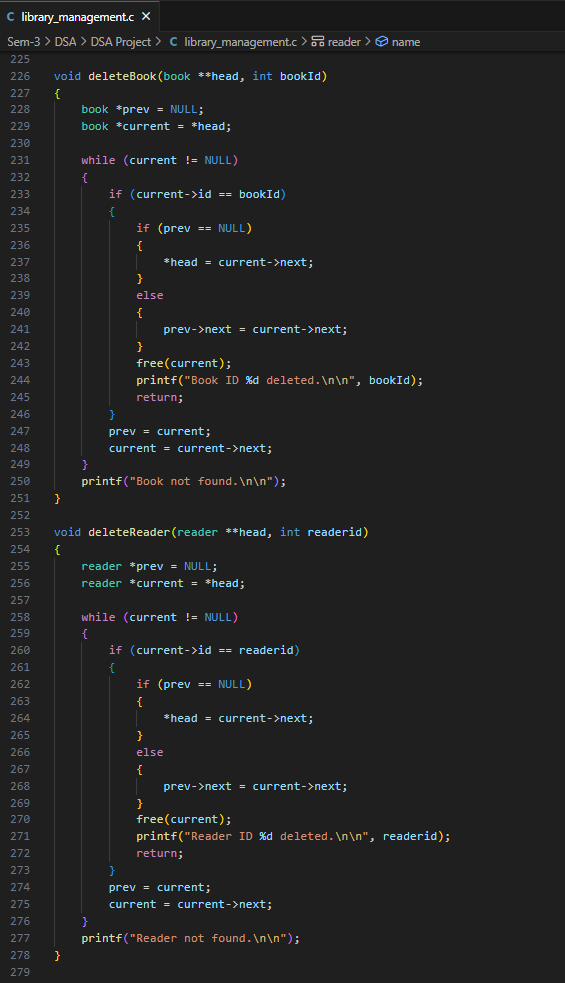
**PROJECT CODE:-**

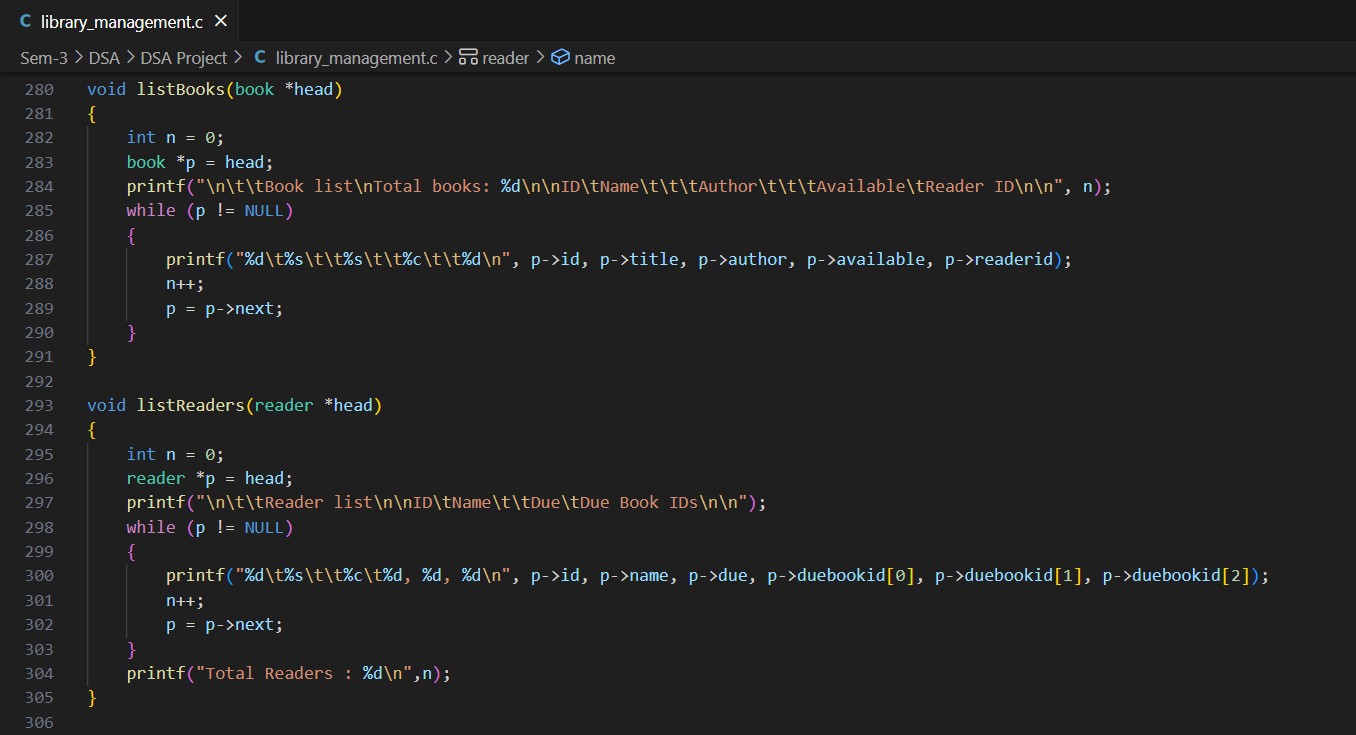


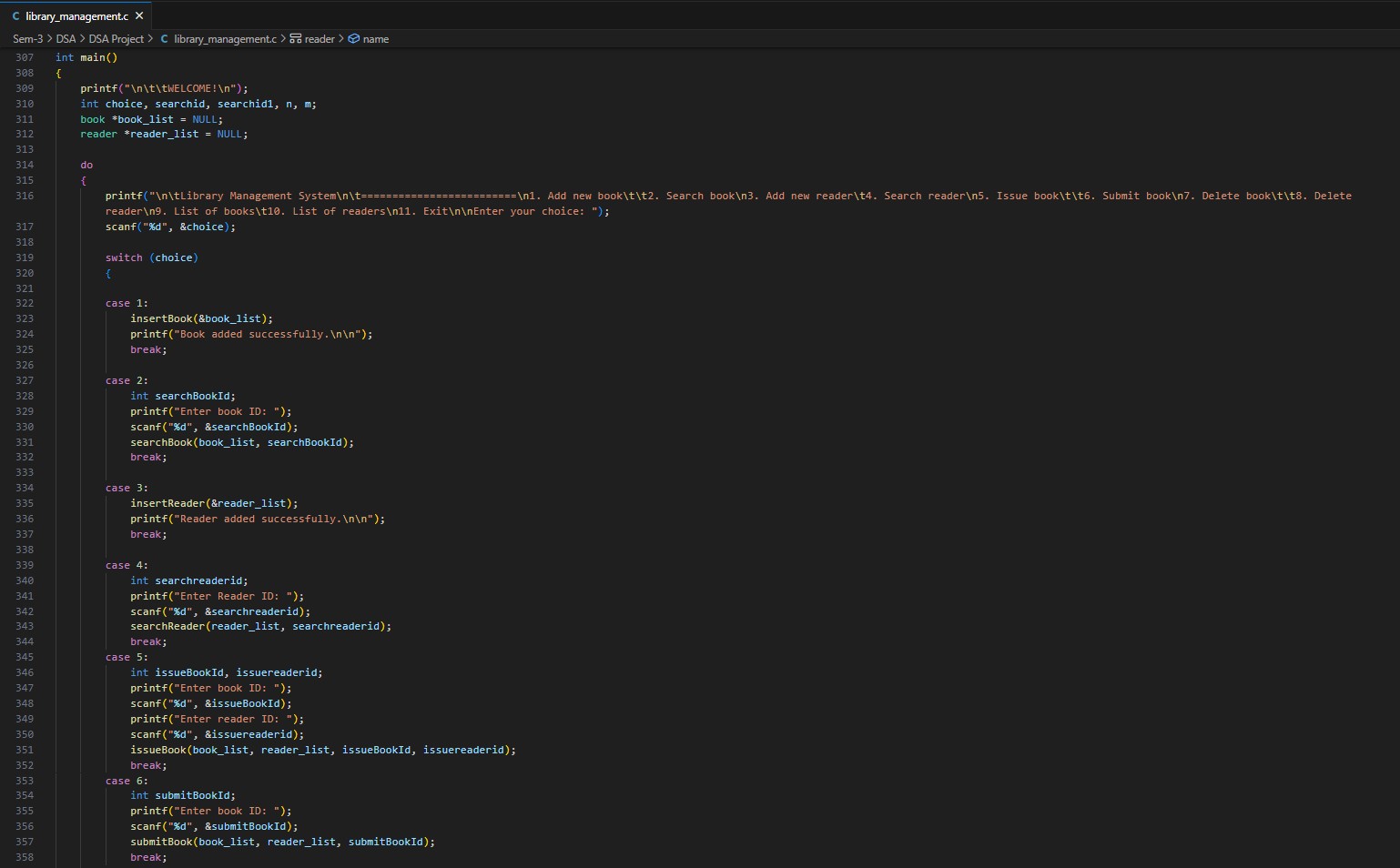


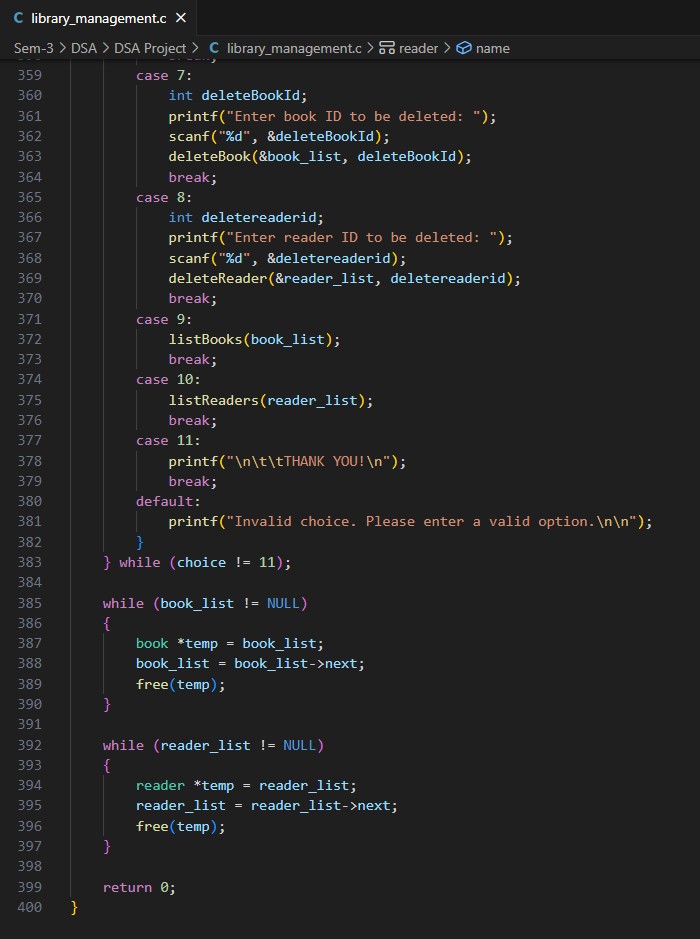






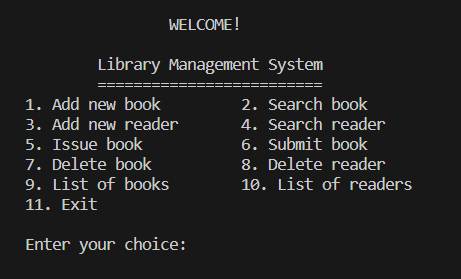




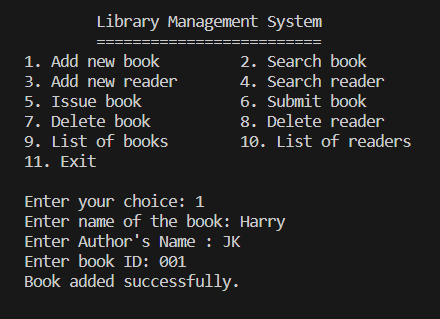


OUTPUT :-

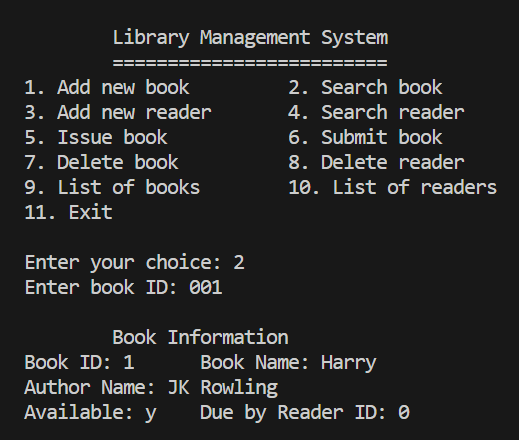
Working of the Switch case :



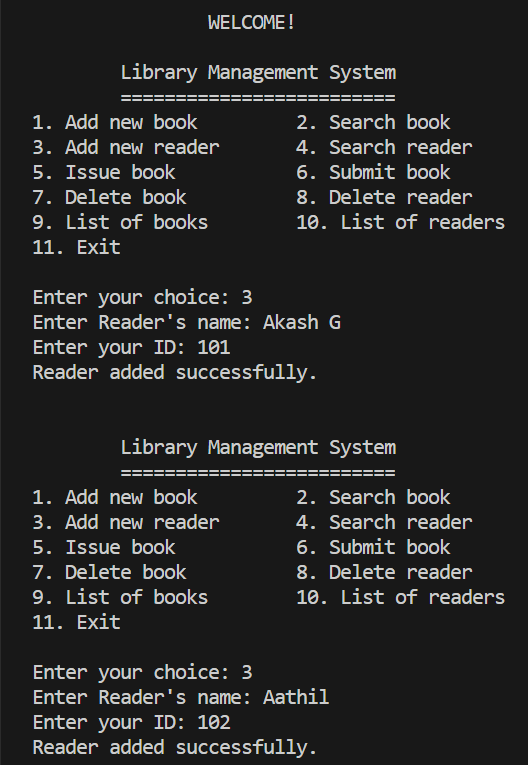
Insertbook function (Add new book) :



Searchbook function:

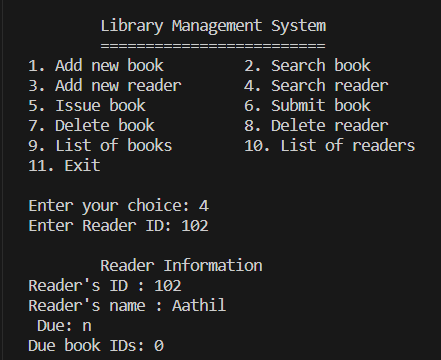


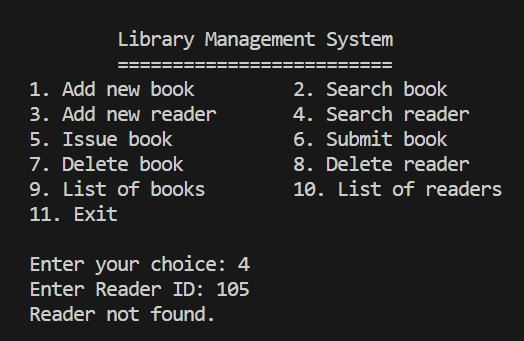
Insertreader function (Add new reader):



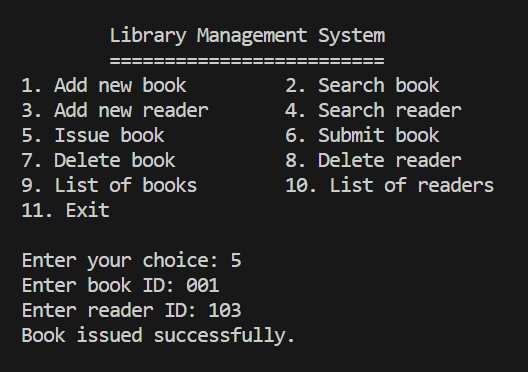
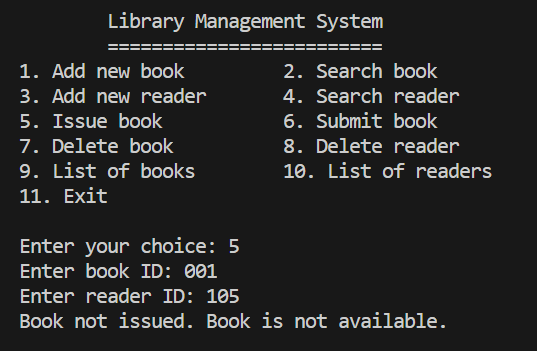
Searchreader function:

* **When valid readerId is entered:**

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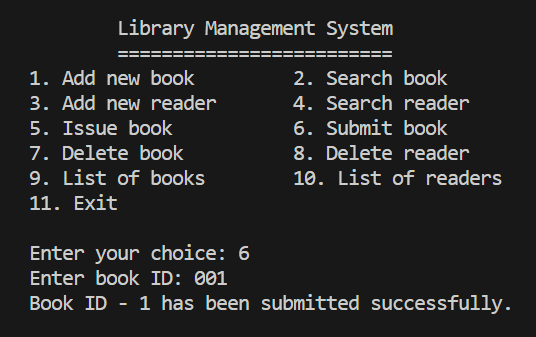
* **When INVALID readerId is entered:**

Issuebook function :

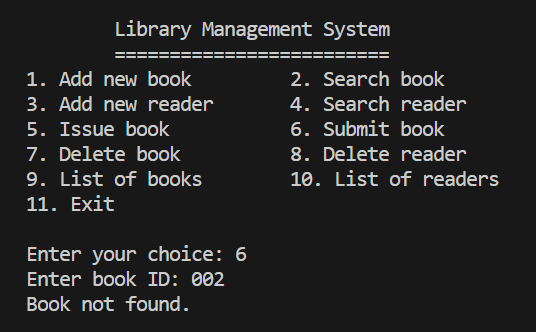
* **When a new book is issued:**
* **When an already issued book is tried to issue again :**

Submitbook function :-

* **When an issued book is been submitted :**

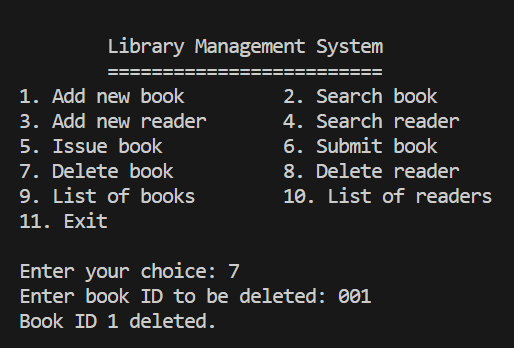


* **When a book which is not issued/added to library is been submitted:**

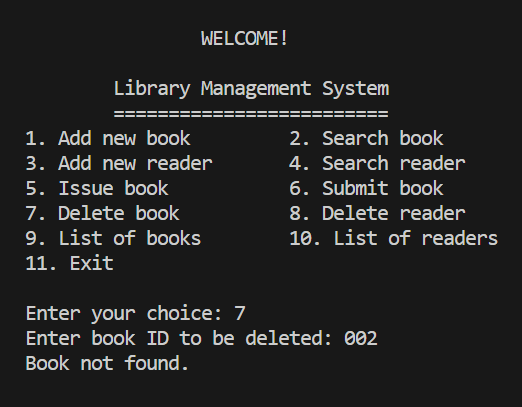


Deletebook function :-

* **When a book which exist in library is deleted :**

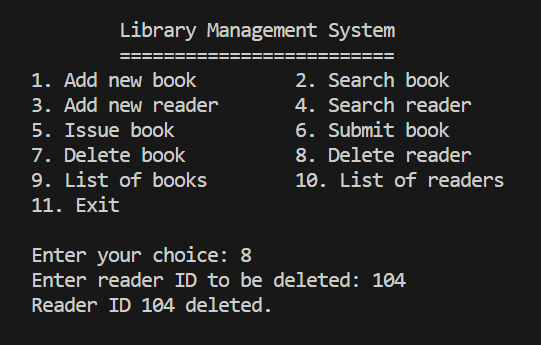


* **When a book which does NOT exist in library is tried to delete :**

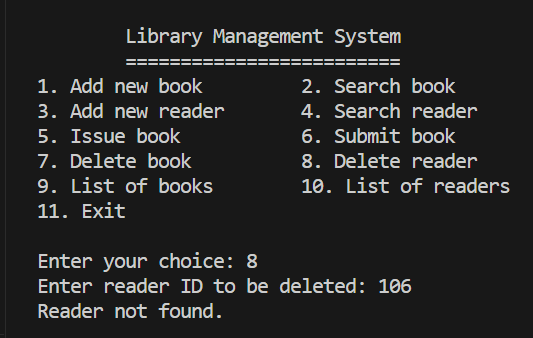


Deletereader function :-

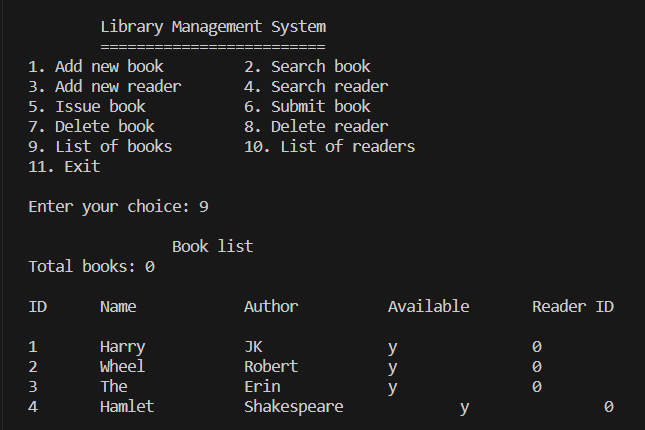
* **When a reader’s data is deleted :**



* **When trying to delete the reader’s data which does NOT exist :**



Listbooks function (List of Books) :-



Listreaders function (List of Readers) :-

