

DAY-C#-07/08/2023

TASK 1: LIBRARY MANAGEMENT SYSTEM

Output:

The screenshot displays the Microsoft Visual Studio IDE with a C# project named 'simpleprograms'. The code in 'Program.cs' defines a 'Library' class with a 'Books' list and methods to add, borrow, and return books. The 'Main' method creates a 'Library' object, adds four books, and enters a loop where the user can choose to borrow, return, or display books. The 'Output' window shows the program's execution, including the list of books and the results of borrowing and returning books.

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48 Book book1 = new(1001, "RevolutiChoose the option
49 Book book2 = new(1002, "Calpa mi1.Borrow Book
50 Book book3 = new(1003, "WorldWar2.Return Book
51 Book book4 = new(1004, "harry po3.Display Books
52 4.Exit
53 Library book.Add(book1); 1
54 Library book.Add(book2); Enter the title of the book to borrow
55 Library book.Add(book3); Calpa mia
56 Library book.Add(book4); Calpa mia
57 Book Borrowed
58 Library library = new Library(); Choose the option
59 int choice = 0; 1.Borrow Book
60 while (choice != 4) 2.Return Book
61 { 3.Display Books
62     Console.WriteLine("Choose th 4.Exit
63     choice = Convert.ToInt32(Con Enter the title of the book to return
64     if (choice == 1) Calpa mia
65     { Book Returned
66         Console.WriteLine("Enter Choose the option
67         string ?title = Console. 1.Borrow Book
68         Console.WriteLine(title) 2.Return Book
69         3.Display Books
70         4.Exit
71     }
72     3
73     Title :Revolution 2020 Author : chetan bhagat Availability True
74     Title :Calpa mia Author :john Availability True
75     Title :WorldWarI Author :genie Availability False
76     Title :harry potter Author :suriya Availability True
77     Choose the option
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```

Output

```

Title :Revolution 2020 Author : chetan bhagat Availability True
Title :Calpa mia Author :john Availability True
Title :WorldWarI Author :genie Availability False
Title :harry potter Author :suriya Availability True
Choose the option

```

Error List Output

Solution Explorer Git Changes

Ready Add to Source Control Select Repository