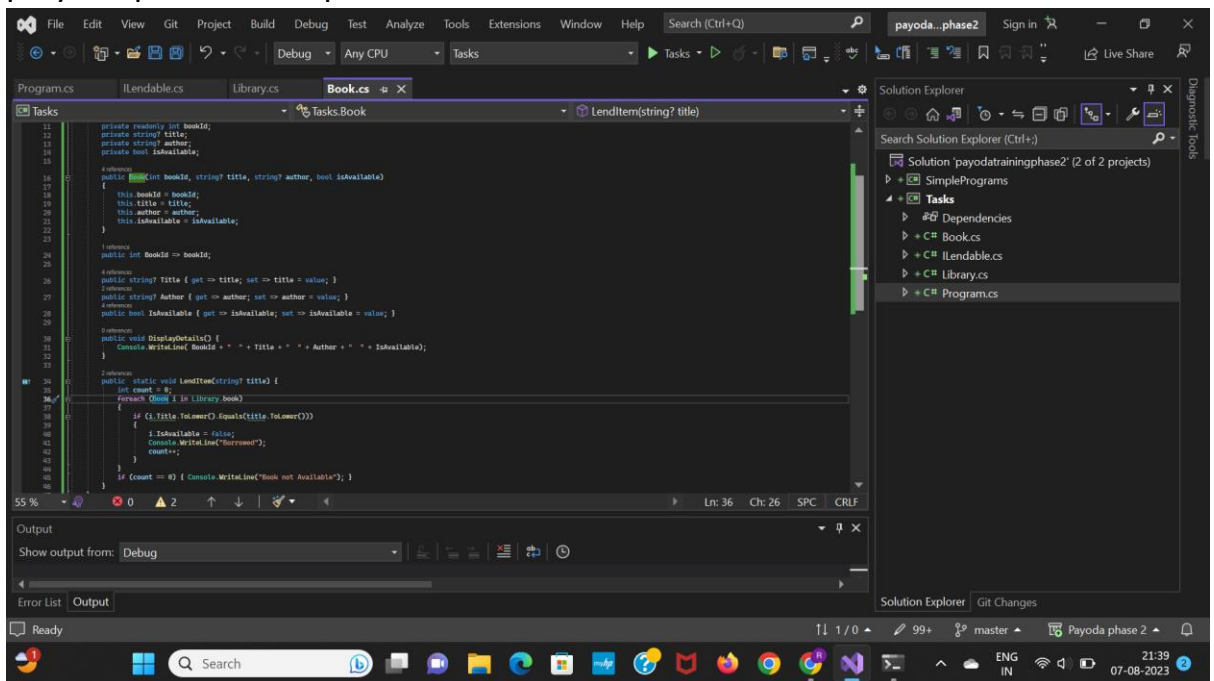


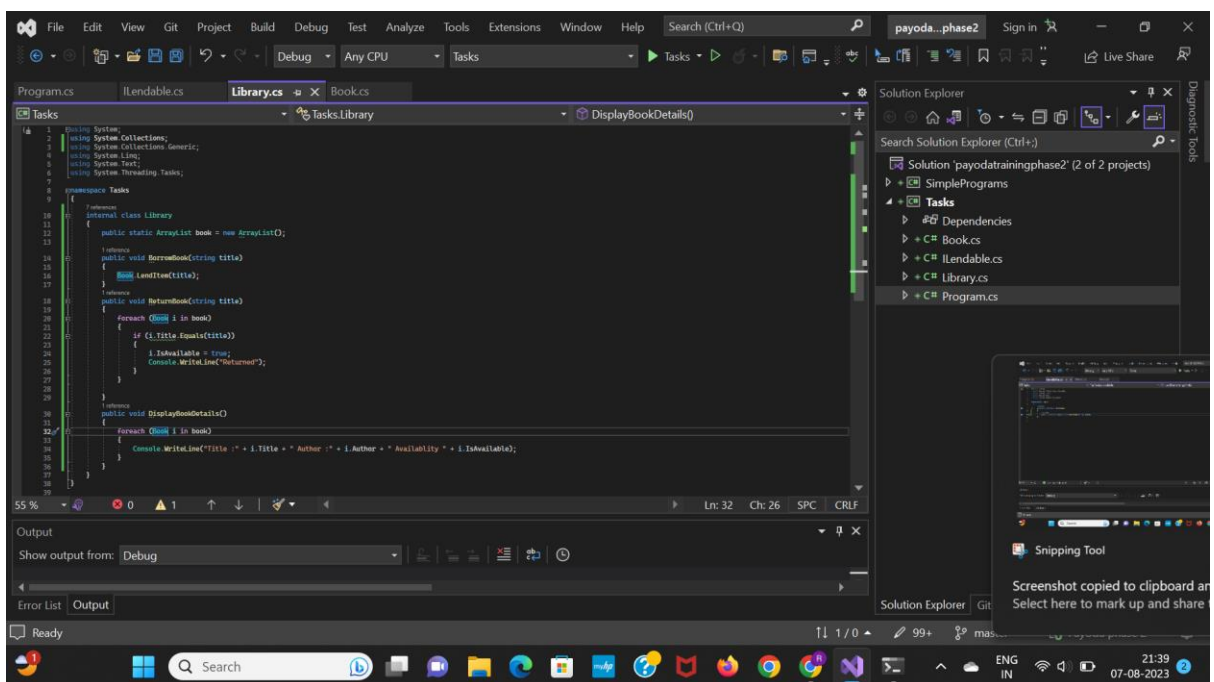
# Phase 2 – Day 7

## C#

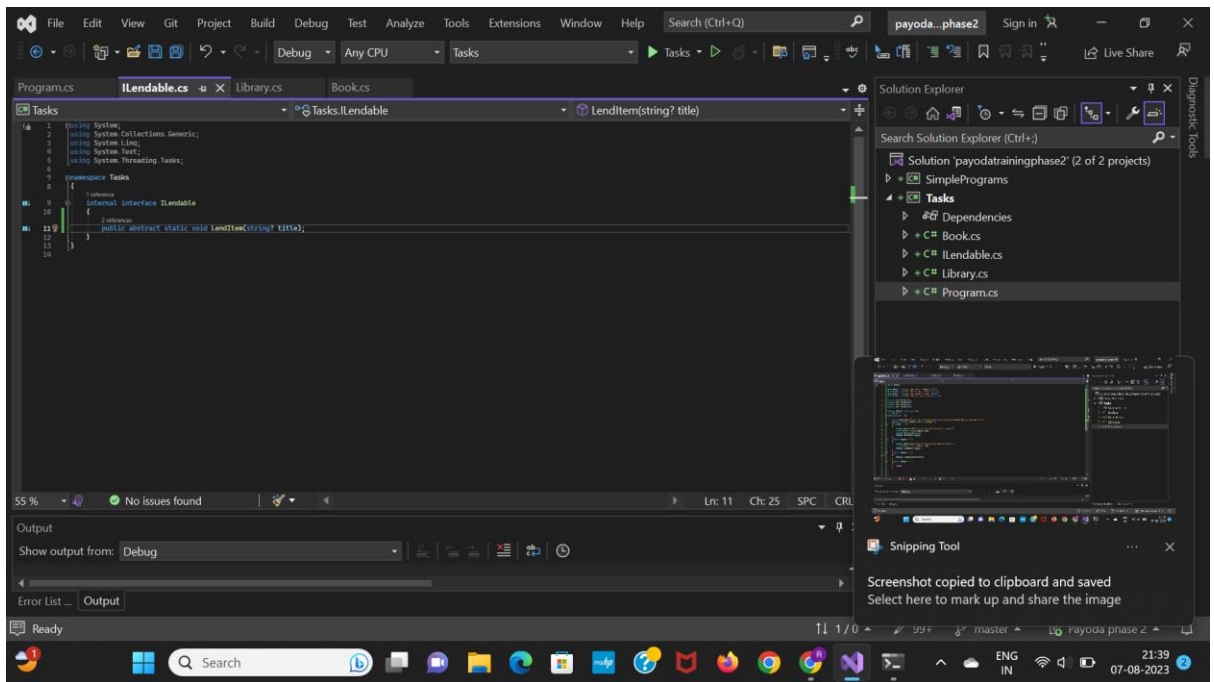
- In day 7 I learned about object oriented programming concepts in c#.
- I have created a library book lending system using interface and polymorphism concepts.



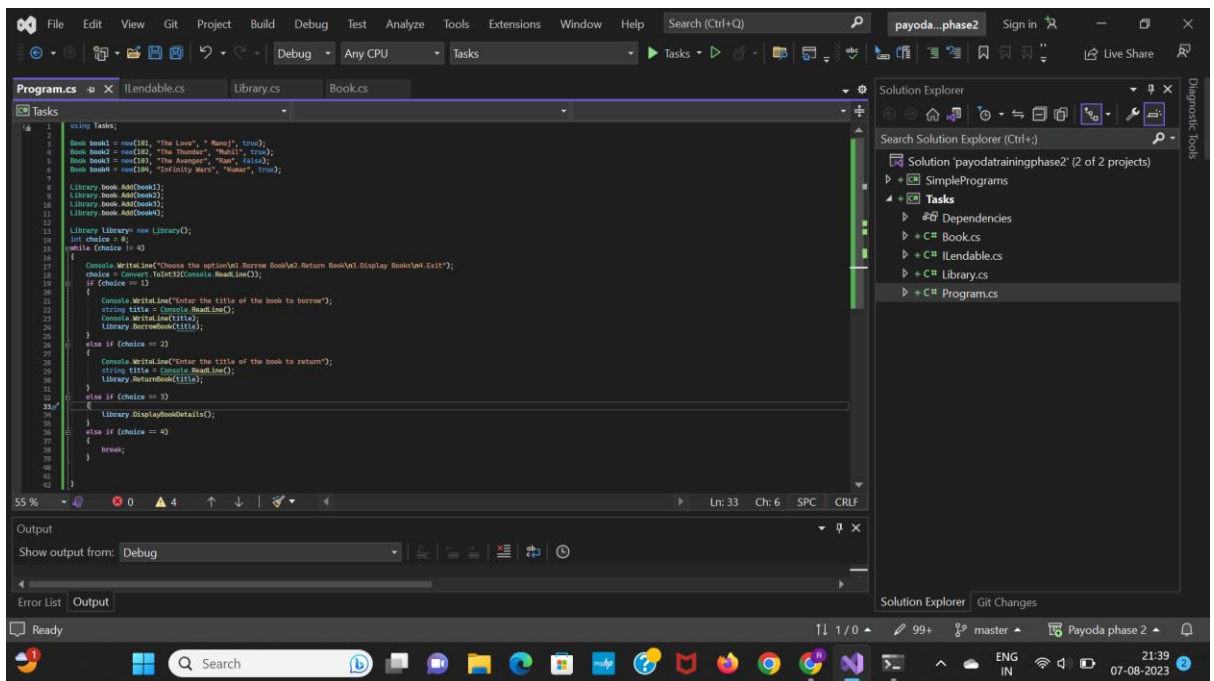
Above screenshot is book class which is inherit from ILendable in C#.



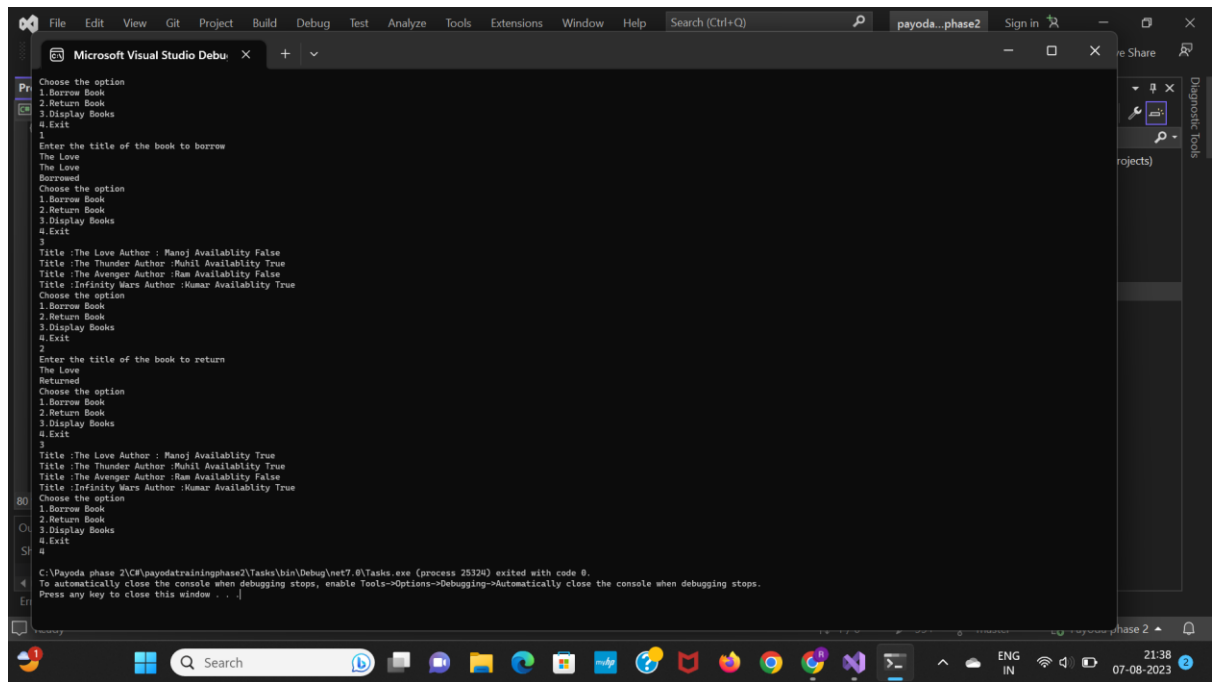
Above screenshot is Libray class in C#.



Above screenshot ILendable interface which has one abstract method in C#.



Above screenshot is Program class which is entry point of program in C#.



```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) payoda...phase2 Sign in
Microsoft Visual Studio Debu
Choose the option
1.Borrow Book
2.Return Book
3.Display Books
4.Exit
1
Enter the title of the book to borrow
The Love
The Love
Borrowed
Choose the option
1.Borrow Book
2.Return Book
3.Display Books
4.Exit
3
Title :The Love Author : Manoj Availablity False
Title :The Thunder Author :Muhil Availablity True
Title :The Avenger Author :Ram Availablity False
Title :Infinity Wars Author :Humar Availablity True
Choose the option
1.Borrow Book
2.Return Book
3.Display Books
4.Exit
2
Enter the title of the book to return
The Love
The Love
Returned
Choose the option
1.Borrow Book
2.Return Book
3.Display Books
4.Exit
3
Title :The Love Author : Manoj Availablity True
Title :The Thunder Author :Muhil Availablity True
Title :The Avenger Author :Ram Availablity False
Title :Infinity Wars Author :Humar Availablity True
Choose the option
1.Borrow Book
2.Return Book
3.Display Books
4.Exit
4
C:\Payoda phase 2\CA\payodatrainingphase2\task\bin\Debug\net7.0\task.exe (process 25324) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Above screenshot is output for Library book lending system in C#.