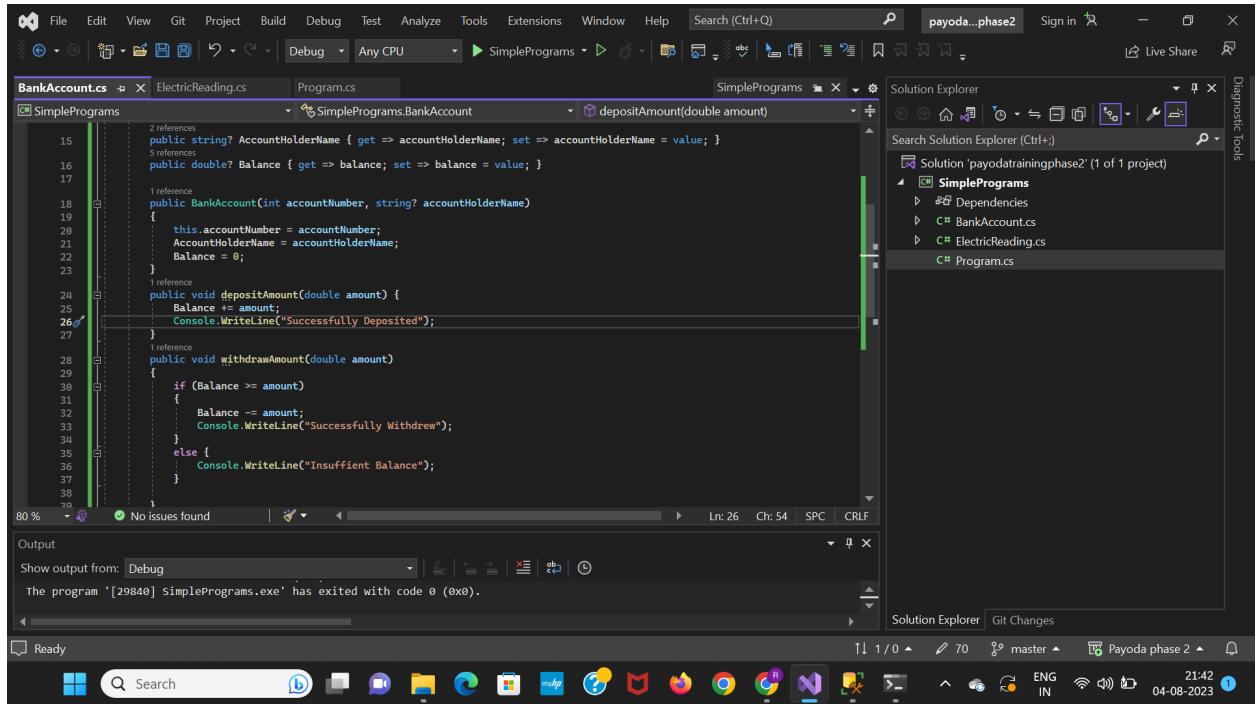


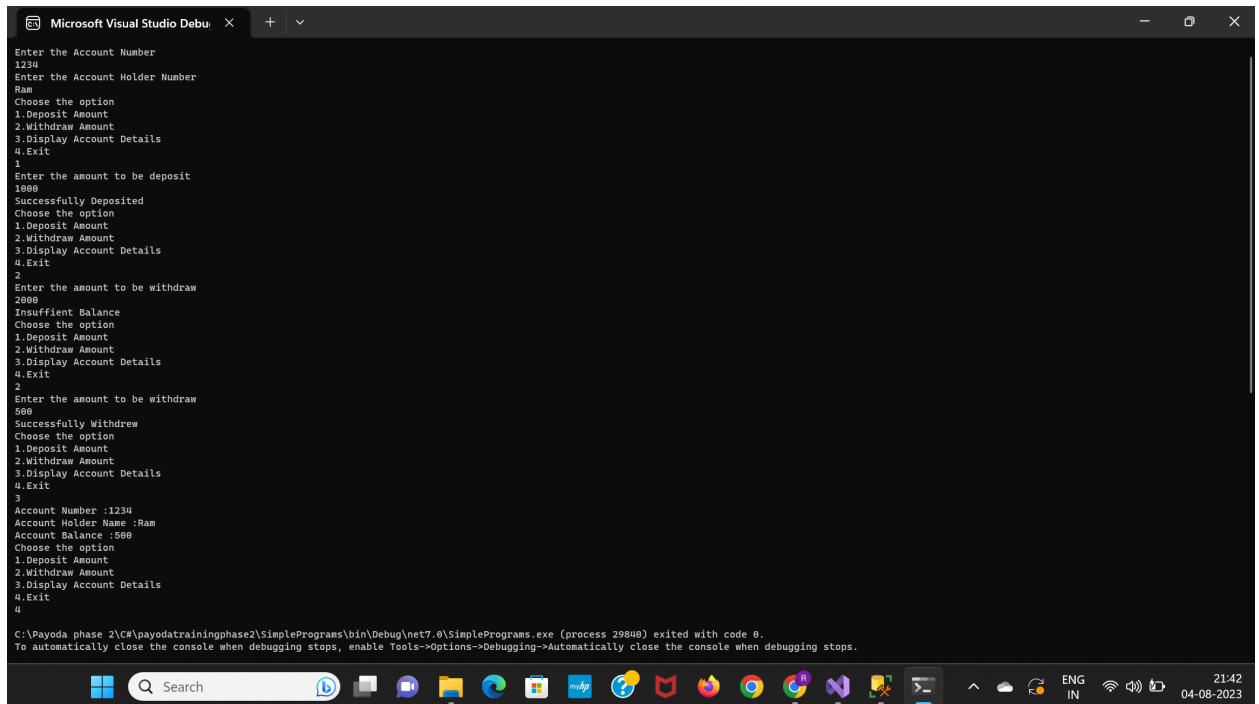
Phase 2- Day5

C#

- In Day 5 I learned about C# Object oriented concepts like class, Object.

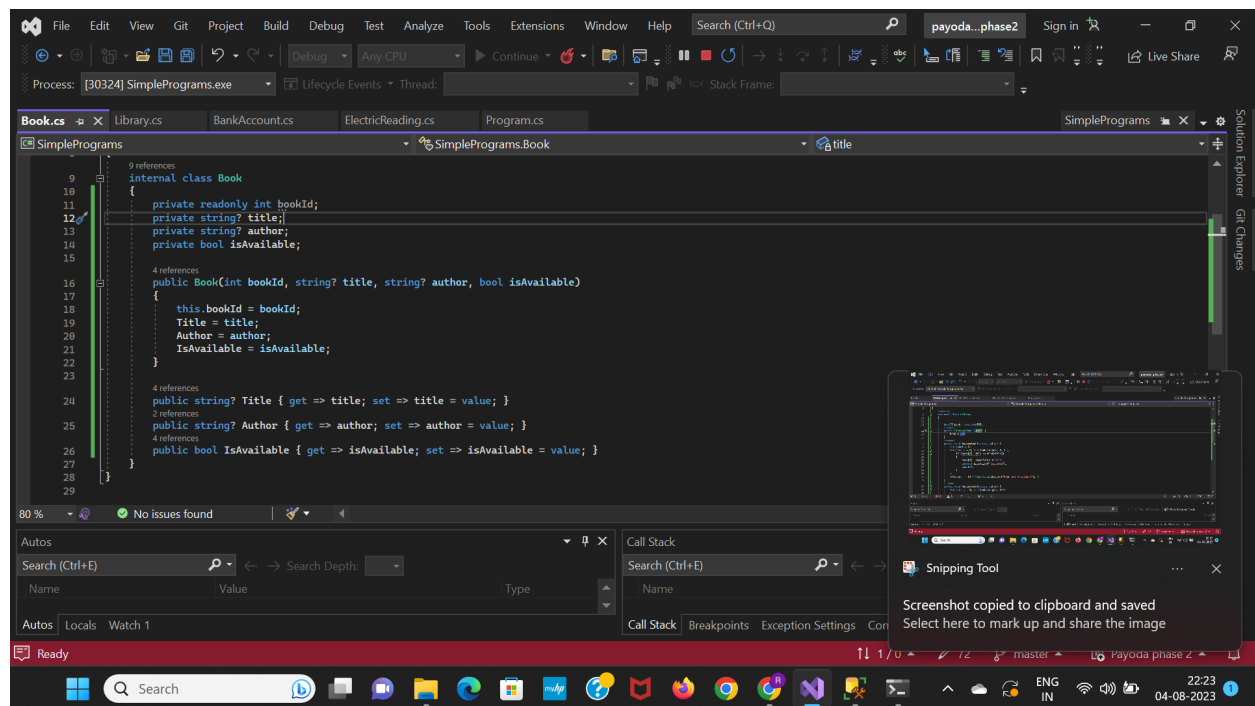


Above screenshot is code for Bank account system contain deposit, Withdraw and Display account details methods.



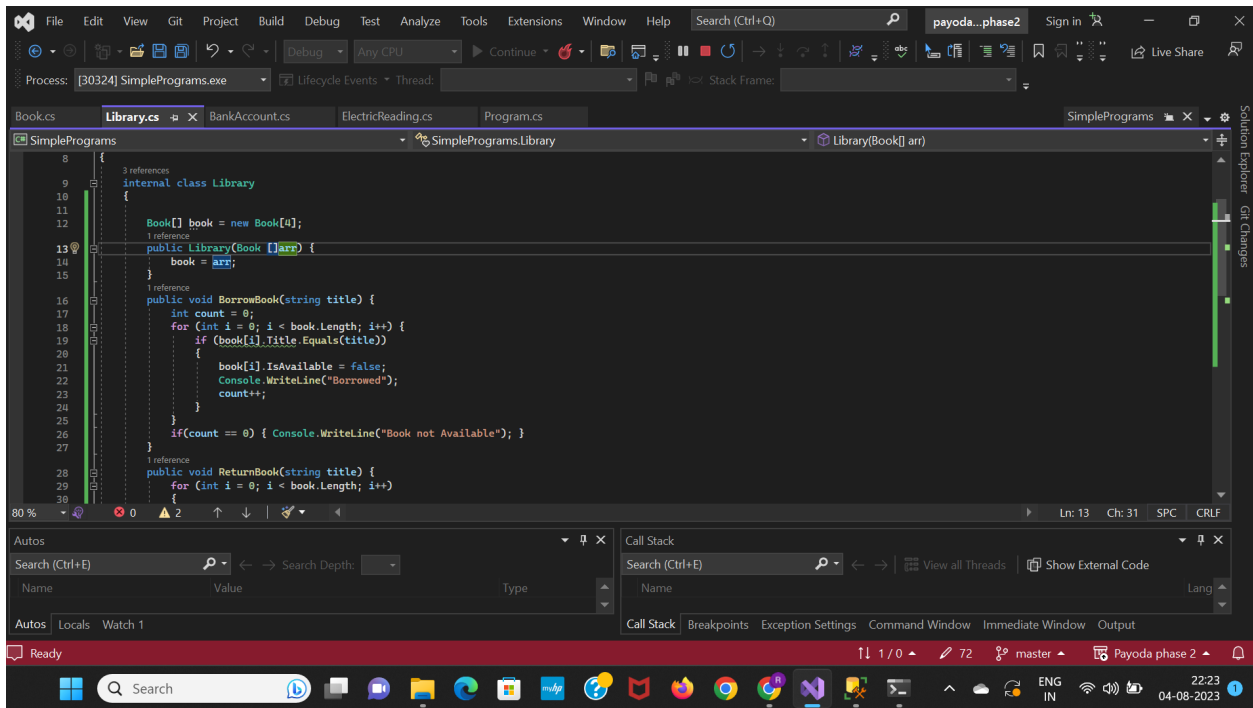
```
Enter the Account Number
1234
Enter the Account Holder Number
Ram
Choose the option
1.Deposit Amount
2.Withdraw Amount
3.Display Account Details
4.Exit
1
Enter the amount to be deposit
1000
Successfully Deposited
Choose the option
1.Deposit Amount
2.Withdraw Amount
3.Display Account Details
4.Exit
2
Enter the amount to be withdraw
2000
Insufficient Balance
Choose the option
1.Deposit Amount
2.Withdraw Amount
3.Display Account Details
4.Exit
3
Enter the amount to be withdraw
500
Successfully Withdrew
Choose the option
1.Deposit Amount
2.Withdraw Amount
3.Display Account Details
4.Exit
3
Account Number :1234
Account Holder Name :Ram
Account Balance :500
Choose the option
1.Deposit Amount
2.Withdraw Amount
3.Display Account Details
4.Exit
4
C:\Payoda phase 2\C#\payodatrainningphase2\SimplePrograms\bin\Debug\net7.0\SimplePrograms.exe (process 29848) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
```

Above Screenshot for output of Bank Account System Program.

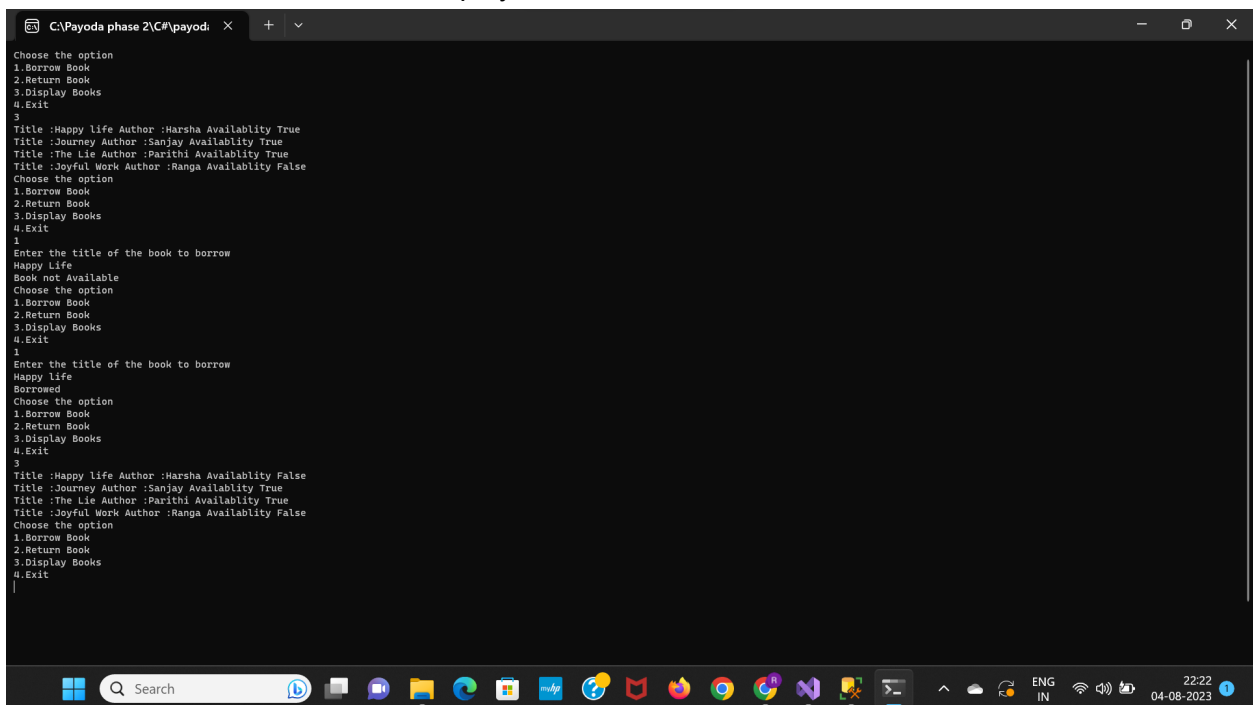


```
9 internal class Book
10 {
11     private readonly int bookId;
12     private string? title;
13     private string? author;
14     private bool isAvailable;
15
16     public Book(int bookId, string? title, string? author, bool isAvailable)
17     {
18         this.bookId = bookId;
19         Title = title;
20         Author = author;
21         IsAvailable = isAvailable;
22     }
23
24     public string? Title { get => title; set => title = value; }
25     public string? Author { get => author; set => author = value; }
26     public bool IsAvailable { get => isAvailable; set => isAvailable = value; }
27 }
28
29
```

Above Screenshot is C# program for Library management System's Book class file which contains constructor.



Above Screenshot is C# program for Library management System's Library class file which borrow books,return books and display book methods.



Above Screenshot is output for Library Management System.