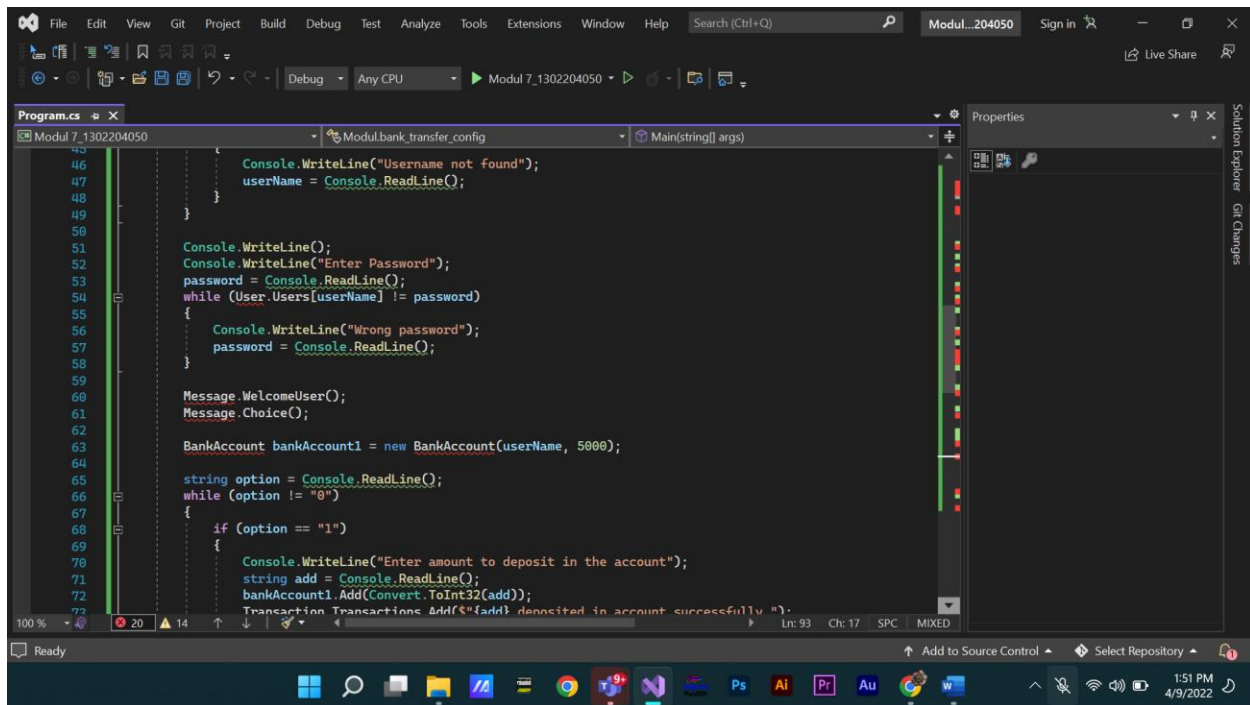


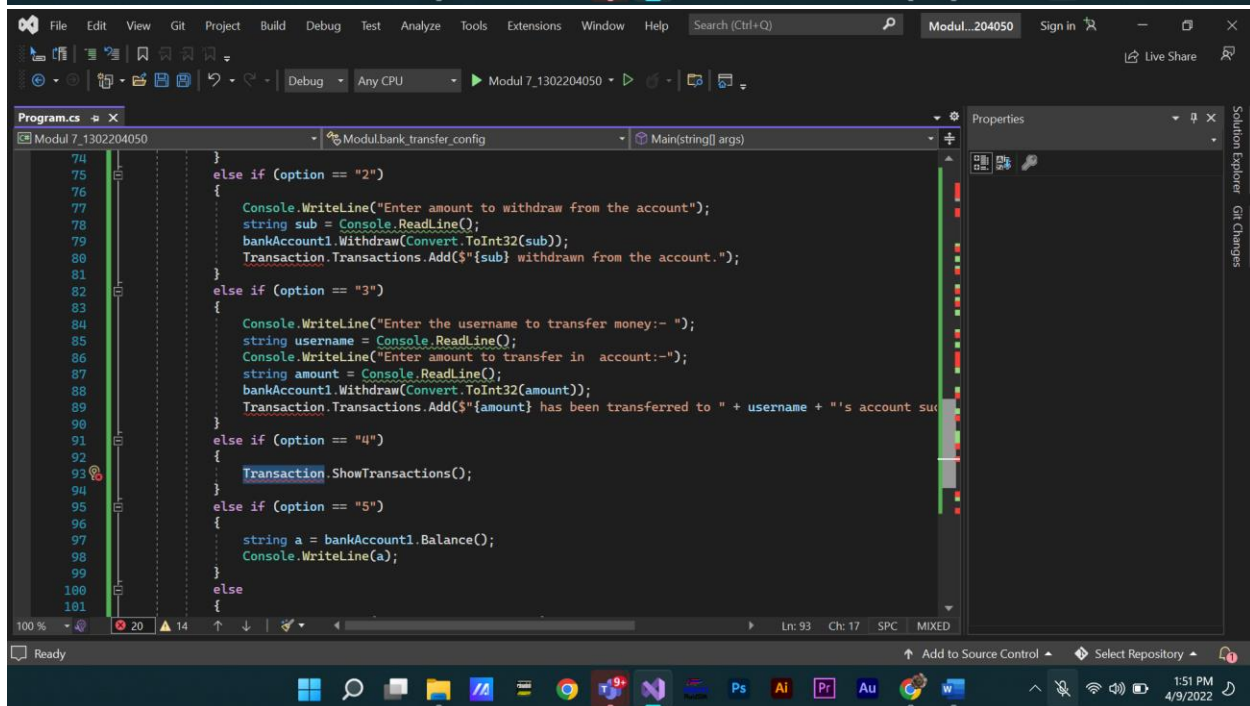
```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using System.IO;
7 using Newtonsoft.Json;
8
9 namespace Modul 7_1302204050
10 {
11     0 references
12     class bank_transfer_config
13     {
14         0 references
15         public static void Main(string[] args)
16         {
17             Message.Welcome();
18             Message.Login();
19
20             bool createAccount = (Console.ReadLine() == "1");
21
22             string userName;
23             string password;
24
25             if (createAccount)
26             {
27                 Console.WriteLine("UserName");
28                 userName = Console.ReadLine();
29                 while (!User.Users.ContainsKey(userName))
```

```
30             {
31                 Console.WriteLine(userName + " is username");
32                 userName = Console.ReadLine();
33             }
34             Console.WriteLine("Enter password");
35             password = Console.ReadLine();
36             User.Users.Add(userName, password);
37             Console.WriteLine("Account Sucses");
38         }
39         Console.WriteLine("Enter Username");
40         userName = Console.ReadLine();
41         while (!User.Users.ContainsKey(userName))
42         {
43             Console.WriteLine("Enter username");
44             userName = Console.ReadLine();
45             while (!User.Users.ContainsKey(userName))
```



Visual Studio interface showing the first part of a C# program. The code is in `Program.cs` and includes the following logic:

- Line 46: `Console.WriteLine("Username not found");`
- Line 47: `userName = Console.ReadLine();`
- Line 51: `Console.WriteLine();`
- Line 52: `Console.WriteLine("Enter Password");`
- Line 53: `password = Console.ReadLine();`
- Line 54: `while (User.Users[userName] != password)`
- Line 55: `{`
- Line 56: `Console.WriteLine("Wrong password");`
- Line 57: `password = Console.ReadLine();`
- Line 58: `}`
- Line 59: `Message.WelcomeUser();`
- Line 60: `Message.Choice();`
- Line 62: `BankAccount bankAccount1 = new BankAccount(userName, 5000);`
- Line 65: `string option = Console.ReadLine();`
- Line 66: `while (option != "0")`
- Line 67: `{`
- Line 68: `if (option == "1")`
- Line 69: `{`
- Line 70: `Console.WriteLine("Enter amount to deposit in the account");`
- Line 71: `string add = Console.ReadLine();`
- Line 72: `bankAccount1.Add(Convert.ToInt32(add));`
- Line 73: `Transaction.Transactions.Add($"{add} deposited in account successfully ");`



Visual Studio interface showing the second part of a C# program. The code continues from the previous screenshot and includes the following logic:

- Line 74: `}`
- Line 75: `else if (option == "2")`
- Line 76: `{`
- Line 77: `Console.WriteLine("Enter amount to withdraw from the account");`
- Line 78: `string sub = Console.ReadLine();`
- Line 79: `bankAccount1.Withdraw(Convert.ToInt32(sub));`
- Line 80: `Transaction.Transactions.Add($"{sub} withdrawn from the account.");`
- Line 81: `}`
- Line 82: `else if (option == "3")`
- Line 83: `{`
- Line 84: `Console.WriteLine("Enter the username to transfer money:- ");`
- Line 85: `string username = Console.ReadLine();`
- Line 86: `Console.WriteLine("Enter amount to transfer in account:-");`
- Line 87: `string amount = Console.ReadLine();`
- Line 88: `bankAccount1.Withdraw(Convert.ToInt32(amount));`
- Line 89: `Transaction.Transactions.Add($"{amount} has been transferred to " + username + "'s account suc`
- Line 90: `}`
- Line 91: `else if (option == "4")`
- Line 92: `{`
- Line 93: `Transaction.ShowTransactions();`
- Line 94: `}`
- Line 95: `else if (option == "5")`
- Line 96: `{`
- Line 97: `string a = bankAccount1.Balance();`
- Line 98: `Console.WriteLine(a);`
- Line 99: `}`
- Line 100: `else`
- Line 101: `{`

```
85 string username = Console.ReadLine();
86 Console.WriteLine("Enter amount to transfer in account:-");
87 string amount = Console.ReadLine();
88 bankAccount1.Withdraw(Convert.ToInt32(amount));
89 Transaction.Transactions.Add($"{amount} has been transferred to " + username + "'s account suc
90 }
91 else if (option == "4")
92 {
93     Transaction.ShowTransactions();
94 }
95 else if (option == "5")
96 {
97     string a = bankAccount1.Balance();
98     Console.WriteLine(a);
99 }
100 else
101 {
102     Console.WriteLine("Enter a valid option");
103 }
104 Message.Choice();
105 option = Console.ReadLine();
106 }
107 }
108 }
109 }
```

```
1 using System;
2 using System.Collections.Generic;
3 using System.IO;
4 using System.Linq;
5 using System.Text;
6 using System.Threading.Tasks;
7 using Newtonsoft.Json;
8
9 namespace Modul_7_1302204050
10 {
11     static void Main(string[] args)
12     {
13         BankTransferConfig bankConfig = new BankTransferConfig();
14         dynamic conf = bankConfig.ReadJson();
15
16         if (conf.lang == "en")
17         {
18             Console.WriteLine("Please insert the amount of money to transfer:");
19         }
20         else if (conf.lang == "id")
21         {
22             Console.WriteLine("Masukkan jumlah uang yang akan di-transfer:");
23         }
24
25         string uangDiTranferStr = Console.ReadLine();
26
27     }
```

```
24  
25  
26 string uangDiTransferStr = Console.ReadLine();  
27  
28 int uangDiTransfer = int.Parse(uangDiTransferStr);  
29  
30 int biayaTransfer;  
31  
32 if (uangDiTransfer <= (int)conf.transfer.threshold)  
33 {  
34     biayaTransfer = conf.transfer.low_fee;  
35 }  
36 else  
37 {  
38     biayaTransfer = conf.transfer.high_fee;  
39 }  
40  
41 if (conf.lang == "en")  
42 {  
43     Console.WriteLine("Transfer fee = " + biayaTransfer);  
44     Console.WriteLine("Total amount = " + (biayaTransfer + uangDiTransfer) + "\n");  
45     Console.WriteLine("Select transfer method");  
46 }  
47 else if (conf.lang == "id")  
48 {  
49     Console.WriteLine("Biaya transfer = " + biayaTransfer);  
50     Console.WriteLine("Total biaya = " + (biayaTransfer + uangDiTransfer) + "\n");  
51     Console.WriteLine("Pilih metode transfer");
```

```
51 Console.WriteLine("Pilih metode transfer");  
52 }  
53  
54  
55 int index = 0;  
56  
57 foreach (var mthd in conf.methods)  
58 {  
59     index++;  
60     Console.WriteLine(index + ". " + mthd);  
61 }  
62  
63 Console.WriteLine();  
64 string confirm;  
65 if (conf.lang == "en")  
66 {  
67     Console.WriteLine("Please type '" + conf.confirmation.en + "' to confirm the transaction:");  
68     confirm = Console.ReadLine();  
69 }  
70  
71 if (confirm == (string)conf.confirmation.en)  
72 {  
73     Console.WriteLine("The transfer is completed");  
74 }  
75 else  
76 {  
77     Console.WriteLine("Transfer is cancelled");  
78 }
```

