

Library Management System

Read the details of the classes and the methods from [here](#)

Input Format

Check this in the problem statement document.

Constraints

Check this in the problem statement document.

Output Format

Check this in the problem statement document.

Sample Input 0

```
Book
CPPProgramming RupeshNasre CS2810 2 2

Book
None

Book
ExistingBook CS2810 CS2910

Book
PythonProgramming RupeshNasre CS2810 5 5

Member
CS24M015 Debasmita 2

Member
NoBorrowLimit CS23M041 Neel

Member
CS23M041 Rupesh 10

Borrow
CS24M015 CS2810

Borrow
CS24M015 CS2910

Borrow
CS24M015 CS2810

Borrow
CS23M041 CS2810

Borrow
CS23M041 CS2810

PrintBook
CS2910

PrintMember
CS24M015
```

```
PrintLibrary

Return
CS23M041 CS2810

Return
CS24M015 CS2810

Return
CS23M041 CS2910

PrintLibrary

UpdateCopiesCount
CS2810 -2

PrintLibrary

UpdateCopiesCount
CS2910 -5

PrintLibrary

Done
```

Sample Output 0

```
Invalid request! Book with same isbn already exists
Invalid request! Member with same id already exists
Invalid request! Borrow limit exceeded
Invalid request! Copy of book not available
CPPProgramming RupeshNasre
CS24M015 Debasmita CS2810 1
CS24M015 Debasmita CS2910 1
CPPProgramming RupeshNasre 0
UnknownTitle UnknownAuthor 0
CPPProgramming RupeshNasre 1
CS24M015 Debasmita
CS23M041 Neel
Invalid request! Book not borrowed
CPPProgramming RupeshNasre 2
UnknownTitle UnknownAuthor 0
CPPProgramming RupeshNasre 1
CS24M015 Debasmita
CS23M041 Neel
CPPProgramming RupeshNasre 0
UnknownTitle UnknownAuthor 0
CPPProgramming RupeshNasre 1
CS24M015 Debasmita
CS23M041 Neel
Invalid request! Count becomes negative
CPPProgramming RupeshNasre 0
UnknownTitle UnknownAuthor 0
CPPProgramming RupeshNasre 1
CS24M015 Debasmita
CS23M041 Neel
```

Sample Input 1

```
Book
EdgeCaseBook Author1 ISBN123 1 1

Book
CaseBook Author2 ISBN456 1 1
```

```
Member
CS30M001 John 1

Borrow
CS30M001 ISBN123

Borrow
CS30M001 ISBN123

Borrow
CS30M001 ISBN456

PrintMember
CS30M001

PrintLibrary

Done
```

Sample Output 1

```
Invalid request! Copy of book not available
Invalid request! Borrow limit exceeded
CS30M001 John ISBN123 1
EdgeCaseBook Author1 0
CaseBook Author2 1
CS30M001 John
```

Sample Input 2

```
Book
ReturnEdgeBook Author2 ISBN456 2 2

Book
EdgeBook Author1 ISBN123 2 2

Member
NoBorrowLimit CS40M001 Alice

Member
CS40M002 Bob 1

Borrow
CS40M001 ISBN456

Borrow
CS40M002 ISBN456

Return
CS40M002 ISBN456

Return
CS40M002 ISBN456

Return
CS40M002 ISBN123

PrintMember
CS40M001

PrintMember
CS40M002

PrintLibrary
```

Done

Sample Output 2

```
Invalid request! Book not borrowed
Invalid request! Copy of book exceeds total copies
CS40M001 Alice ISBN456 1
ReturnEdgeBook Author2 1
EdgeBook Author1 2
CS40M001 Alice
CS40M002 Bob
```

Sample Input 3

```
Book
OOAIA RN CS2810 5 5

Member
CS24M015 Debasmita 1

Member
NoBorrowLimit CS23M041 Neel

Borrow
CS24M015 CS2810

Borrow
CS23M041 CS2810

PrintMember
CS23M041

PrintMember
CS24M015

PrintLibrary

Done
```

Sample Output 3

```
CS23M041 Neel CS2810 1
CS24M015 Debasmita CS2810 1
OOAIA RN 3
CS24M015 Debasmita
CS23M041 Neel
```

Sample Input 4

```
Book
DBMS Author1 ISBN1 2 2

Book
None

Book
ExistingBook ISBN1 ISBN2

Member
Id1 John 5
```

```
Borrow
Id1 ISBN1

Borrow
Id1 ISBN1

PrintMember
Id1

Return
Id1 ISBN1

PrintMember
Id1

Done
```

Sample Output 4

```
Id1 John ISBN1 2
Id1 John ISBN1 1
```

Sample Input 5

```
Book
None

Member
NoBorrowLimit Id1 Joe

Borrow
Id1 ISBN

UpdateCopiesCount
ISBN -10

PrintLibrary

UpdateCopiesCount
ISBN 4

PrintLibrary

Done
```

Sample Output 5

```
Invalid request! Copy of book not available
Invalid request! Count becomes negative
UnknownTitle UnknownAuthor 0
Id1 Joe
UnknownTitle UnknownAuthor 4
Id1 Joe
```

Sample Input 6

```
Book
Algorithms Author3 ISBN567 3 3

Book
DataScience Author4 ISBN890 2 2
```

```
Member
CS45M001 Emma 2

Member
NoBorrowLimit CS45M002 Olivia

Borrow
CS45M001 ISBN567

Borrow
CS45M001 ISBN890

Borrow
CS45M001 ISBN567

Borrow
CS45M002 ISBN567

Return
CS45M001 ISBN567

Return
CS45M002 ISBN890

Return
CS45M002 ISBN567

PrintBook
ISBN567

PrintBook
ISBN890

PrintMember
CS45M001

PrintMember
CS45M002

PrintLibrary

Done
```

Sample Output 6

```
Invalid request! Borrow limit exceeded
Invalid request! Book not borrowed
Algorithms Author3
DataScience Author4
CS45M001 Emma ISBN890 1
Algorithms Author3 3
DataScience Author4 1
CS45M001 Emma
CS45M002 Olivia
```

Sample Input 7

```
Book
Algorithms Author5 ISBN201 3 3

Book
AI Author6 ISBN202 2 2

Book
CloudComputing Author7 ISBN203 4 4
```

Book
Blockchain Author8 ISBN204 5 5

Member
CS60M001 David 2

Member
NoBorrowLimit CS60M002 Sophia

Member
CS60M003 Ethan 3

Borrow
CS60M001 ISBN201

Borrow
CS60M001 ISBN202

Borrow
CS60M001 ISBN203

Borrow
CS60M002 ISBN202

Borrow
CS60M002 ISBN203

Borrow
CS60M003 ISBN204

Borrow
CS60M003 ISBN202

Borrow
CS60M003 ISBN201

Borrow
CS60M003 ISBN204

Return
CS60M001 ISBN202

Return
CS60M002 ISBN203

Return
CS60M003 ISBN201

Return
CS60M003 ISBN201

Return
CS60M002 ISBN202

PrintBook
ISBN201

PrintBook
ISBN202

PrintMember
CS60M001

PrintMember
CS60M002

PrintLibrary

Done

Sample Output 7

```
Invalid request! Borrow limit exceeded
Invalid request! Copy of book not available
Invalid request! Book not borrowed
Algorithms Author5
AI Author6
CS60M001 David ISBN201 1
Algorithms Author5 2
AI Author6 2
CloudComputing Author7 4
Blockchain Author8 3
CS60M001 David
CS60M002 Sophia
CS60M003 Ethan
```

Sample Input 8

```
Book
Algorithms Author1 ISBN001 5 5

Book
AI Author2 ISBN002 3 3

Book
MachineLearning Author3 ISBN003 4 4

Book
DeepLearning Author4 ISBN004 6 6

Book
CloudComputing Author5 ISBN005 4 4

Book
Blockchain Author6 ISBN006 2 2

Book
QuantumComputing Author7 ISBN007 3 3

Book
BigData Author8 ISBN008 5 5

Book
NeuralNetworks Author9 ISBN009 3 3

Book
DataScience Author10 ISBN010 6 6

Member
CS20M001 David 3

Member
NoBorrowLimit CS20M002 John

Member
CS20M003 Sarah 2

Member
CS20M004 Mike 4

Member
CS20M005 Lily 1

Member
CS20M006 Alex 3
```


Member
NoBorrowLimit CS20M007 Maria

Member
CS20M008 Tom 5

Member
CS20M009 Emma 2

Member
CS20M010 Ryan 4

Borrow
CS20M001 ISBN001

Borrow
CS20M002 ISBN002

Borrow
CS20M003 ISBN003

PrintBook
ISBN001

Borrow
CS20M004 ISBN004

Borrow
CS20M005 ISBN005

PrintMember
CS20M001

Return
CS20M001 ISBN001

PrintLibrary

Borrow
CS20M006 ISBN006

Return
CS20M002 ISBN002

PrintBook
ISBN004

Borrow
CS20M007 ISBN007

Return
CS20M003 ISBN003

PrintMember
CS20M003

Return
CS20M004 ISBN004

PrintLibrary

Borrow
CS20M008 ISBN008

Return
CS20M005 ISBN005

PrintBook
ISBN008

PrintMember

CS20M004

Done

Sample Output 8

```
Algorithms Author1
CS20M001 David ISBN001 1
Algorithms Author1 5
AI Author2 2
MachineLearning Author3 3
DeepLearning Author4 5
CloudComputing Author5 3
Blockchain Author6 2
QuantumComputing Author7 3
BigData Author8 5
NeuralNetworks Author9 3
DataScience Author10 6
CS20M001 David
CS20M002 John
CS20M003 Sarah
CS20M004 Mike
CS20M005 Lily
CS20M006 Alex
CS20M007 Maria
CS20M008 Tom
CS20M009 Emma
CS20M010 Ryan
DeepLearning Author4
Algorithms Author1 5
AI Author2 3
MachineLearning Author3 4
DeepLearning Author4 6
CloudComputing Author5 3
Blockchain Author6 1
QuantumComputing Author7 2
BigData Author8 5
NeuralNetworks Author9 3
DataScience Author10 6
CS20M001 David
CS20M002 John
CS20M003 Sarah
CS20M004 Mike
CS20M005 Lily
CS20M006 Alex
CS20M007 Maria
CS20M008 Tom
CS20M009 Emma
CS20M010 Ryan
BigData Author8
```

Sample Input 9

```
Book
Algorithms Author1 ISBN001 5 5

Book
AI Author2 ISBN002 3 3

Book
MachineLearning Author3 ISBN003 4 4

Book
DeepLearning Author4 ISBN004 6 6

Book
```

CloudComputing Author5 ISBN005 4 4

Book
Blockchain Author6 ISBN006 2 2

Book
QuantumComputing Author7 ISBN007 3 3

Book
BigData Author8 ISBN008 5 5

Book
NeuralNetworks Author9 ISBN009 3 3

Book
DataScience Author10 ISBN010 6 6

Book
CyberSecurity Author11 ISBN011 4 4

Book
CloudNative Author12 ISBN012 5 5

Book
EdgeComputing Author13 ISBN013 3 3

Book
IoT Author14 ISBN014 2 2

Book
DevOps Author15 ISBN015 6 6

Book
DigitalTransformation Author16 ISBN016 3 3

Book
BlockchainTechnology Author17 ISBN017 4 4

Book
ArtificialIntelligence Author18 ISBN018 5 5

Book
NeuralProcessing Author19 ISBN019 2 2

Book
Robotics Author20 ISBN020 3 3

Book
Automation Author21 ISBN021 4 4

Book
MachineVision Author22 ISBN022 6 6

Book
BigDataAnalytics Author23 ISBN023 3 3

Book
DataMining Author24 ISBN024 5 5

Book
DataEngineering Author25 ISBN025 4 4

Book
PredictiveAnalytics Author26 ISBN026 3 3

Book
SpeechRecognition Author27 ISBN027 4 4

Book
ImageProcessing Author28 ISBN028 2 2

Book
NaturalLanguageProcessing Author29 ISBN029 5 5

Book
AugmentedReality Author30 ISBN030 6 6

Book
VirtualReality Author31 ISBN031 4 4

Book
QuantumMechanics Author32 ISBN032 2 2

Book
SmartCities Author33 ISBN033 3 3

Book
IoTDevelopment Author34 ISBN034 4 4

Book
AutonomousVehicles Author35 ISBN035 3 3

Book
CloudInfrastructure Author36 ISBN036 5 5

Book
GreenTech Author37 ISBN037 3 3

Book
Sustainability Author38 ISBN038 4 4

Book
CyberPhysicalSystems Author39 ISBN039 5 5

Book
ArtificialLife Author40 ISBN040 6 6

Book
QuantumComputing2 Author41 ISBN041 3 3

Book
DigitalTwins Author42 ISBN042 4 4

Book
SmartManufacturing Author43 ISBN043 2 2

Book
Biotechnology Author44 ISBN044 3 3

Book
FinTech Author45 ISBN045 5 5

Book
Bioinformatics Author46 ISBN046 4 4

Book
Bioengineering Author47 ISBN047 6 6

Book
SmartFarming Author48 ISBN048 3 3

Book
SustainableEnergy Author49 ISBN049 5 5

Book
ArtificialVision Author50 ISBN050 2 2

Member
CS30M001 David 3

Member
NoBorrowLimit CS30M002 John

Member
CS30M003 Sarah 2

Member
CS30M004 Mike 4

Member
CS30M005 Lily 1

Member
CS30M006 Alex 3

Member
NoBorrowLimit CS30M007 Maria

Member
CS30M008 Tom 5

Member
CS30M009 Emma 2

Member
CS30M010 Ryan 4

Borrow
CS30M001 ISBN001

Borrow
CS30M002 ISBN002

Borrow
CS30M003 ISBN003

PrintBook
ISBN001

Borrow
CS30M004 ISBN004

Borrow
CS30M005 ISBN005

PrintMember
CS30M001

Return
CS30M001 ISBN001

PrintLibrary

Borrow
CS30M006 ISBN006

Return
CS30M002 ISBN002

PrintBook
ISBN004

Borrow
CS30M007 ISBN007

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CS30M003 ISBN003

PrintMember
CS30M003

Return
CS30M004 ISBN004

PrintLibrary

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CS30M008 ISBN008

Return
CS30M005 ISBN005

PrintBook
ISBN008

PrintMember
CS30M004

Borrow
CS30M009 ISBN009

Return
CS30M006 ISBN006

Borrow
CS30M010 ISBN010

Return
CS30M008 ISBN008

PrintBook
ISBN010

PrintLibrary

Borrow
CS30M009 ISBN020

Return
CS30M010 ISBN010

PrintMember
CS30M009

Borrow
CS30M004 ISBN014

Return
CS30M007 ISBN017

PrintLibrary

Borrow
CS30M005 ISBN024

Return
CS30M003 ISBN007

Borrow
CS30M008 ISBN022

PrintBook
ISBN017

Return
CS30M004 ISBN014

Borrow
CS30M009 ISBN020

Return
CS30M003 ISBN009

PrintMember

Sample Output 9

```
Algorithms Author1
CS30M001 David ISBN001 1
Algorithms Author1 5
AI Author2 2
MachineLearning Author3 3
DeepLearning Author4 5
CloudComputing Author5 3
Blockchain Author6 2
QuantumComputing Author7 3
BigData Author8 5
NeuralNetworks Author9 3
DataScience Author10 6
CyberSecurity Author11 4
CloudNative Author12 5
EdgeComputing Author13 3
IoT Author14 2
DevOps Author15 6
DigitalTransformation Author16 3
BlockchainTechnology Author17 4
ArtificialIntelligence Author18 5
NeuralProcessing Author19 2
Robotics Author20 3
Automation Author21 4
MachineVision Author22 6
BigDataAnalytics Author23 3
DataMining Author24 5
DataEngineering Author25 4
PredictiveAnalytics Author26 3
SpeechRecognition Author27 4
ImageProcessing Author28 2
NaturalLanguageProcessing Author29 5
AugmentedReality Author30 6
VirtualReality Author31 4
QuantumMechanics Author32 2
SmartCities Author33 3
IoTDevelopment Author34 4
AutonomousVehicles Author35 3
CloudInfrastructure Author36 5
GreenTech Author37 3
Sustainability Author38 4
CyberPhysicalSystems Author39 5
ArtificialLife Author40 6
QuantumComputing2 Author41 3
DigitalTwins Author42 4
SmartManufacturing Author43 2
Biotechnology Author44 3
FinTech Author45 5
Bioinformatics Author46 4
Bioengineering Author47 6
SmartFarming Author48 3
SustainableEnergy Author49 5
ArtificialVision Author50 2
CS30M001 David
CS30M002 John
CS30M003 Sarah
CS30M004 Mike
CS30M005 Lily
CS30M006 Alex
CS30M007 Maria
CS30M008 Tom
CS30M009 Emma
CS30M010 Ryan
DeepLearning Author4
```

Algorithms Author1 5
AI Author2 3
MachineLearning Author3 4
DeepLearning Author4 6
CloudComputing Author5 3
Blockchain Author6 1
QuantumComputing Author7 2
BigData Author8 5
NeuralNetworks Author9 3
DataScience Author10 6
CyberSecurity Author11 4
CloudNative Author12 5
EdgeComputing Author13 3
IoT Author14 2
DevOps Author15 6
DigitalTransformation Author16 3
BlockchainTechnology Author17 4
ArtificialIntelligence Author18 5
NeuralProcessing Author19 2
Robotics Author20 3
Automation Author21 4
MachineVision Author22 6
BigDataAnalytics Author23 3
DataMining Author24 5
DataEngineering Author25 4
PredictiveAnalytics Author26 3
SpeechRecognition Author27 4
ImageProcessing Author28 2
NaturalLanguageProcessing Author29 5
AugmentedReality Author30 6
VirtualReality Author31 4
QuantumMechanics Author32 2
SmartCities Author33 3
IoTDevelopment Author34 4
AutonomousVehicles Author35 3
CloudInfrastructure Author36 5
GreenTech Author37 3
Sustainability Author38 4
CyberPhysicalSystems Author39 5
ArtificialLife Author40 6
QuantumComputing2 Author41 3
DigitalTwins Author42 4
SmartManufacturing Author43 2
Biotechnology Author44 3
FinTech Author45 5
Bioinformatics Author46 4
Bioengineering Author47 6
SmartFarming Author48 3
SustainableEnergy Author49 5
ArtificialVision Author50 2
CS30M001 David
CS30M002 John
CS30M003 Sarah
CS30M004 Mike
CS30M005 Lily
CS30M006 Alex
CS30M007 Maria
CS30M008 Tom
CS30M009 Emma
CS30M010 Ryan
BigData Author8
DataScience Author10
Algorithms Author1 5
AI Author2 3
MachineLearning Author3 4
DeepLearning Author4 6
CloudComputing Author5 4
Blockchain Author6 2
QuantumComputing Author7 2
BigData Author8 5
NeuralNetworks Author9 2

DataScience Author10 5
CyberSecurity Author11 4
CloudNative Author12 5
EdgeComputing Author13 3
IoT Author14 2
DevOps Author15 6
DigitalTransformation Author16 3
BlockchainTechnology Author17 4
ArtificialIntelligence Author18 5
NeuralProcessing Author19 2
Robotics Author20 3
Automation Author21 4
MachineVision Author22 6
BigDataAnalytics Author23 3
DataMining Author24 5
DataEngineering Author25 4
PredictiveAnalytics Author26 3
SpeechRecognition Author27 4
ImageProcessing Author28 2
NaturalLanguageProcessing Author29 5
AugmentedReality Author30 6
VirtualReality Author31 4
QuantumMechanics Author32 2
SmartCities Author33 3
IoTDevelopment Author34 4
AutonomousVehicles Author35 3
CloudInfrastructure Author36 5
GreenTech Author37 3
Sustainability Author38 4
CyberPhysicalSystems Author39 5
ArtificialLife Author40 6
QuantumComputing2 Author41 3
DigitalTwins Author42 4
SmartManufacturing Author43 2
Biotechnology Author44 3
FinTech Author45 5
Bioinformatics Author46 4
Bioengineering Author47 6
SmartFarming Author48 3
SustainableEnergy Author49 5
ArtificialVision Author50 2
CS30M001 David
CS30M002 John
CS30M003 Sarah
CS30M004 Mike
CS30M005 Lily
CS30M006 Alex
CS30M007 Maria
CS30M008 Tom
CS30M009 Emma
CS30M010 Ryan
CS30M009 Emma ISBN009 1
CS30M009 Emma ISBN020 1
Invalid request! Copy of book exceeds total copies
Algorithms Author1 5
AI Author2 3
MachineLearning Author3 4
DeepLearning Author4 6
CloudComputing Author5 4
Blockchain Author6 2
QuantumComputing Author7 2
BigData Author8 5
NeuralNetworks Author9 2
DataScience Author10 6
CyberSecurity Author11 4
CloudNative Author12 5
EdgeComputing Author13 3
IoT Author14 1
DevOps Author15 6
DigitalTransformation Author16 3
BlockchainTechnology Author17 4

ArtificialIntelligence Author18 5
NeuralProcessing Author19 2
Robotics Author20 2
Automation Author21 4
MachineVision Author22 6
BigDataAnalytics Author23 3
DataMining Author24 5
DataEngineering Author25 4
PredictiveAnalytics Author26 3
SpeechRecognition Author27 4
ImageProcessing Author28 2
NaturalLanguageProcessing Author29 5
AugmentedReality Author30 6
VirtualReality Author31 4
QuantumMechanics Author32 2
SmartCities Author33 3
IoTDevelopment Author34 4
AutonomousVehicles Author35 3
CloudInfrastructure Author36 5
GreenTech Author37 3
Sustainability Author38 4
CyberPhysicalSystems Author39 5
ArtificialLife Author40 6
QuantumComputing2 Author41 3
DigitalTwins Author42 4
SmartManufacturing Author43 2
Biotechnology Author44 3
FinTech Author45 5
Bioinformatics Author46 4
Bioengineering Author47 6
SmartFarming Author48 3
SustainableEnergy Author49 5
ArtificialVision Author50 2
CS30M001 David
CS30M002 John
CS30M003 Sarah
CS30M004 Mike
CS30M005 Lily
CS30M006 Alex
CS30M007 Maria
CS30M008 Tom
CS30M009 Emma
CS30M010 Ryan
Invalid request! Book not borrowed
BlockchainTechnology Author17
Invalid request! Borrow limit exceeded
Invalid request! Book not borrowed

Sample Input 10

Book
Algorithms Author1 ISBN101 5 5
Book
DataScience Author2 ISBN102 4 4
Book
CloudComputing Author3 ISBN103 3 3
Book
Blockchain Author4 ISBN104 2 2
Book
AI Author5 ISBN105 6 6
Book
ML Author6 ISBN106 7 7
Book
QuantumComputing Author7 ISBN107 8 8
Book
BigData Author8 ISBN108 10 10
Book
IoT Author9 ISBN109 9 9
Book

Robotics Author10 ISBN110 11 11
Book
WebDevelopment Author11 ISBN111 12 12
Book
CyberSecurity Author12 ISBN112 15 15
Book
Networking Author13 ISBN113 13 13
Book
PythonProgramming Author14 ISBN114 14 14
Book
JavaProgramming Author15 ISBN115 20 20
Book
DataMining Author16 ISBN116 18 18
Book
CloudStorage Author17 ISBN117 25 25
Book
AppDevelopment Author18 ISBN118 30 30
Book
MobileComputing Author19 ISBN119 35 35
Book
SoftwareEngineering Author20 ISBN120 40 40

Member
CS01M001 John 3
Member
CS01M002 Alice 3
Member
NoBorrowLimit CS01M003 Bob
Member
CS01M004 Charlie 3
Member
CS01M005 David 3
Member
CS01M006 Emma 3
Member
CS01M007 Frank 3
Member
CS01M008 Grace 3
Member
CS01M009 Hannah 3
Member
CS01M010 Isaac 3
Member
CS01M011 Jack 3
Member
CS01M012 Kelly 3
Member
CS01M013 Liam 3
Member
CS01M014 Mike 3
Member
CS01M015 Nancy 3
Member
CS01M016 Olivia 3
Member
CS01M017 Paul 3
Member
CS01M018 Quinn 3
Member
CS01M019 Ryan 3
Member
CS01M020 Steve 3
Member
NoBorrowLimit CS01M021 Tina
Member
CS01M022 Uma 3
Member
CS01M023 Victor 3
Member
CS01M024 Wendy 3
Member

CS01M025 Xander 3
Member
CS01M026 Yara 3
Member
CS01M027 Zach 3
Member
CS01M028 Adam 3
Member
CS01M029 Ben 3
Member
CS01M030 Clara 3
Member
CS01M031 Derek 3
Member
CS01M032 Eva 3
Member
CS01M033 Fiona 3
Member
CS01M034 Gabe 3
Member
CS01M035 Heidi 3
Member
CS01M036 Ian 3
Member
CS01M037 Julia 3
Member
CS01M038 Kyle 3
Member
CS01M039 Laura 3
Member
CS01M040 Matt 3
Member
CS01M041 Nora 3
Member
CS01M042 Owen 3
Member
CS01M043 Penny 3
Member
CS01M044 Quinn 3
Member
CS01M045 Ray 3
Member
CS01M046 Sam 3
Member
CS01M047 Tom 3
Member
CS01M048 Ursula 3
Member
CS01M049 Vince 3
Member
CS01M050 Will 3
Member
CS01M051 Xander 3
Member
CS01M052 Yasmine 3
Member
CS01M053 Zane 3
Member
CS01M054 Alan 3
Member
CS01M055 Brandon 3
Member
CS01M056 Charlotte 3
Member
CS01M057 Daniel 3
Member
CS01M058 Emily 3
Member
CS01M059 Fred 3
Member
CS01M060 Grace 3

Member
CS01M061 Harry 3
Member
CS01M062 Ivy 3
Member
CS01M063 Jack 3
Member
CS01M064 Kate 3
Member
CS01M065 Louis 3
Member
CS01M066 Monica 3
Member
CS01M067 Nathan 3
Member
CS01M068 Olivia 3
Member
CS01M069 Peter 3
Member
CS01M070 Quinn 3

Borrow
CS01M001 ISBN101
Borrow
CS01M001 ISBN102
Borrow
CS01M002 ISBN103
Borrow
CS01M003 ISBN104
Borrow
CS01M001 ISBN105
Borrow
CS01M003 ISBN106
Borrow
CS01M002 ISBN107
Borrow
CS01M002 ISBN108
Borrow
CS01M003 ISBN109
Borrow
CS01M004 ISBN110
Borrow
CS01M005 ISBN111
Borrow
CS01M006 ISBN112
Borrow
CS01M007 ISBN113
Borrow
CS01M008 ISBN114
Borrow
CS01M009 ISBN115
Borrow
CS01M010 ISBN116
Borrow
CS01M011 ISBN117
Borrow
CS01M012 ISBN118
Borrow
CS01M013 ISBN119

Return
CS01M001 ISBN101
Return
CS01M002 ISBN103
Return
CS01M003 ISBN104
Return
CS01M004 ISBN105
Return
CS01M005 ISBN106
Return

```
CS01M006 ISBN107
Return
CS01M007 ISBN108
Return
CS01M008 ISBN109
Return
CS01M009 ISBN110
Return
CS01M010 ISBN111
Return
CS01M011 ISBN112
Return
CS01M012 ISBN113
Return
CS01M013 ISBN114
Return
CS01M014 ISBN115
Return
CS01M015 ISBN116
Return
CS01M016 ISBN117
Return
CS01M017 ISBN118
Return
CS01M018 ISBN119
```

```
PrintBook
ISBN101
PrintMember
CS01M001
PrintLibrary
Done
```

Sample Output 10

```
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Invalid request! Book not borrowed
Algorithms Author1
CS01M001 John ISBN102 1
CS01M001 John ISBN105 1
Algorithms Author1 5
DataScience Author2 3
CloudComputing Author3 3
Blockchain Author4 2
AI Author5 5
ML Author6 6
QuantumComputing Author7 7
BigData Author8 9
IoT Author9 8
Robotics Author10 10
WebDevelopment Author11 11
CyberSecurity Author12 14
Networking Author13 12
PythonProgramming Author14 13
JavaProgramming Author15 19
DataMining Author16 17
```

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CS01M005 David
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CS01M001 John ISBN003 1
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