Contents

Main Menu

This is the main menu for the library system. Type the number of the menu you wish to go.

```
C:\Users\phoeb>java ApplicationStart
Welcome to the Leadville Library
This is the main menu.
Please choose 1 to access the employees menu:
Please choose 2 to access the patrons menu:
Please choose 3 to access the loans menu:
Please choose 4 to access the books menu:
Please choose 5 to access the movies menu:
Please choose 6 to access the programs menu:
To quit the system choose 0:
What menu do you want to access?
```

Option 1: Employees Menu

This is the employees menu:

```
Please make a selection:
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
```

If you press 1 to add an employee:

- The program will ask you all the information needed to add the employee

```
Please make a selection:
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
1
Please enter the Employee ID number for the employee:
1025
Please enter the yearly salary for the employee:
20000
Please enter the position of the employee:
employee
Please enter the name of the employee:
James Erwin
Please enter the date of birth of the employee(numbers only):
10131967
Please enter the complete address of the employee:
789 Sunshin Rd San Antonio, TX 39677
Please enter the phone number of the employee:
5657835665
Please enter the number of hours the employee works a week:
40
```

- It will then print out all the employees including the new employee

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{40,1007, 20000.0, librarian, Maria Ramos, 10011990, 1311 Sunrise Dr El Paso, Texas, 555234
7060}

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{40,1008, 30000.0, assistant manager, Gabrielle Jones, 6181970, 2057 Oceanway Dr El Paso Te
xas, 5552095657}

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{40,1009, 40000.0, manager, Jessica Gonzales, 3131993, 3029 Hedgeway St El Paso Texas, 5555
105110}

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{40,1010, 50000.0, librarian, Melissa Jackson, 12151995, 4056 Mountainview St El Paso Texas
, 5555656556}

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{40,1025, 20000.0, employee, James Erwin, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
657835665}
```

If you press 3 to edit an employee:

The program will first ask for the name of the employee and will print out the information of that employee. After that, it will present the menu to edit the employee. After receiving user input, the program will print out the edited employee:

```
Please make a selection:
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
3
Please enter the name of the employee you want to edit:
James Erwin

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{40,1025, 20000.0, employee, James Erwin, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
657835665}

Please choose what you would like to edit:
1.- Name of employee
2.- Hours worked of employee
3.- Salary of employee
4.- Position of employee
5.- Address of employee
6.- Phone number of employee
7.- Exit
▯
```

- To edit the name of an employee:

```
{40,1025, 20000.0, employee, James Erwin, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
657835665}
Please make a selection:
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
3
Please enter the name of the employee you want to edit:
James Erwin

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{40,1025, 20000.0, employee, James Erwin, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
657835665}

Please choose what you would like to edit:
1.- Name of employee
2.- Hours worked of employee
3.- Salary of employee
4.- Position of employee
5.- Address of employee
6.- Phone number of employee
7.- Exit
1
Please enter the updated name of the employee:
James Smith

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{40,1025, 20000.0, employee, James Smith, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
```

- To change weekly hours worked of employee:

```
Please make a selection:
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
3
Please enter the name of the employee you want to edit:
James Smith

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{40,1025, 20000.0, employee, James Smith, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
657835665}

Please choose what you would like to edit:
1.- Name of employee
2.- Hours worked of employee
3.- Salary of employee
4.- Position of employee
5.- Address of employee
6.- Phone number of employee
7.- Exit
2
Please enter the updated hours worked of employee:
20

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{20,1025, 20000.0, employee, James Smith, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
657835665}
```

- To change salary of employee:

```
Please make a selection:
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
3
Please enter the name of the employee you want to edit:
James Smith

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{20,1025, 20000.0, employee, James Smith, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
657835665}

Please choose what you would like to edit:
1.- Name of employee
2.- Hours worked of employee
3.- Salary of employee
4.- Position of employee
5.- Address of employee
6.- Phone number of employee
7.- Exit
3
Please enter the new salary of the employee:
15000

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{20,1025, 15000.0, employee, James Smith, 10131967, 789 Sunshin Rd San Antonio, TX 39677, 5
657835665}
```

- To change position of an employee

```
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
3
Please enter the name of the employee you want to edit:
Melissa Jackson


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{40,1010, 50000.0, librarian, Melissa Jackson, 12151995, 4056 Mountainview St El Paso Texas, 5555656556}

Please choose what you would like to edit:
1.- Name of employee
2.- Hours worked of employee
3.- Salary of employee
4.- Position of employee
5.- Address of employee
6.- Phone number of employee
7.- Exit
4
Please enter the new position of the employee:
manager


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{40,1010, 50000.0, manager, Melissa Jackson, 12151995, 4056 Mountainview St El Paso Texas, 5555656556}
```

- To change address of an employee

```
Please make a selection:
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
3
Please enter the name of the employee you want to edit:
Melissa Jackson


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{40,1010, 50000.0, manager, Melissa Jackson, 12151995, 4056 Mountainview St El Paso Texas, 5555656556}

Please choose what you would like to edit:
1.- Name of employee
2.- Hours worked of employee
3.- Salary of employee
4.- Position of employee
5.- Address of employee
6.- Phone number of employee
7.- Exit
5
Please enter the new address of the employee:
34 Sunshine Rd Portales NM 84566


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{40,1010, 50000.0, manager, Melissa Jackson, 12151995, 34 Sunshine Rd Portales NM 84566, 5555656556}
```

- To change phone number of an employee

```
Please make a selection:
1.- Add employee
2.- Search Employee
3.- Edit employee
4.- Remove an Employee
5.- Print payroll report
6.- Exit program
3
Please enter the name of the employee you want to edit:
Melissa Jackson


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{40,1010, 50000.0, manager, Melissa Jackson, 12151995, 34 Sunshine Rd Portales NM 84566, 5555656556}

Please choose what you would like to edit:
1.- Name of employee
2.- Hours worked of employee
3.- Salary of employee
4.- Position of employee
5.- Address of employee
6.- Phone number of employee
7.- Exit
6
Please enter the new phone number of the employee:
5555555555


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{40,1010, 50000.0, manager, Melissa Jackson, 12151995, 34 Sunshine Rd Portales NM 84566, 5555555555}
```

Option 2: The Patrons Menu

Type 2 in the main menu to be taken to the patron's menu. In the patrons menu you can type 1 to view all of the patrons.

```
Welcome to the Leadville Library
This is the main menu.
Please choose 1 to access the employees menu:
Please choose 2 to access the patrons menu:
Please choose 3 to access the loans menu:
Please choose 4 to access the books menu:
Please choose 5 to access the movies menu:
Please choose 6 to access the programs menu:
To quit the system choose 0:
What menu do you want to access?
2
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:

1
1 _ Amelia Anderson _ 18 _ Adult_ 07/07/2004 _ 810 Front St., Leadville, CO 80461 _719-486-0749_ 2.001
2 _ Archie Austin _ 16 _ Child_ 05/05/2006 _ 510 Spruce St., Leadville, CO 80461 _ 719-486-1234 _ 2.002
3 _ Lillian Stuart _ 21 _ Adult_ 05/23/2001 _ 2878 Co Rd. 22, Fairplay, CO 80440 _ 719-486-3333 _ 2.003
4 _ Jack Morton _ 8 _ Child_ 11/11/2014 _ 2880 Halfmoon Rd., Leadville, CO 80461 _ 719-486-0981 _ 2.004
5 _ Marmaduke Archibald Pomiselus _ 44 _ Adult_ 12/12/1977 _ 2600 Halfmoon Rd., Leadville, CO 80641 _ 719-486-3435 _ 2.005
6 _ Calista Langley _ 53 _ Adult_ 02/13/1969 _ 210 W. 8th St., Leadville, CO 80461 _ 719-486-3918 _ 2.006
7 _ Cassie Pomiselus _ 6 _ Child_ 04/04/2016 _ 2600 Halfmoon Rd., Leadville, CO 80461 _ 719-486-3435 _ 2.007

Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:
```

Type 2 to add a patron. You will need to enter the name, date of birth, address, and phone number of the patron. The age and age group are automatically calculated and refreshed every time the patrons menu is opened. Below you can see a patron being added.

```
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:

2
Please type the name of the Patron:
Charles Pennington
Please type dob:
08/01/1998
Please type the address of the patron:
2876 CO Rd. 22, Fairplay, CO 80440
Please type the phone number:
719-486-0953
2.008
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:

1
1 _ Amelia Anderson _ 18 _ Adult_ 07/07/2004 _ 810 Front St., Leadville, CO 80461 _719-486-0749_ 2.001
2 _ Archie Austin _ 16 _ Child_ 05/05/2006 _ 510 Spruce St., Leadville, CO 80461 _ 719-486-1234 _ 2.002
3 _ Lillian Stuart _ 21 _ Adult_ 05/23/2001 _ 2878 Co Rd. 22, Fairplay, CO 80440 _ 719-486-3333 _ 2.003
4 _ Jack Morton _ 8 _ Child_ 11/11/2014 _ 2880 Halfmoon Rd., Leadville, CO 80461 _ 719-486-0981 _ 2.004
5 _ Marmaduke Archibald Pomiselus _ 44 _ Adult_ 12/12/1977 _ 2600 Halfmoon Rd., Leadville, CO 80641 _ 719-486-3435 _ 2.005
6 _ Calista Langley _ 53 _ Adult_ 02/13/1969 _ 210 W. 8th St., Leadville, CO 80461 _ 719-486-3918 _ 2.006
7 _ Cassie Pomiselus _ 6 _ Child_ 04/04/2016 _ 2600 Halfmoon Rd., Leadville, CO 80461 _ 719-486-3435 _ 2.007
8 _ Charles Pennington _ 24 _ Adult _ 08/01/1998 _ 2876 CO Rd. 22, Fairplay, CO 80440 _ 719-486-0953 _ 2.008

Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:
```

```
2
Please type the name of the Patron:
George Wort
Please type dob:
01/01/1926
Please type the address of the patron:
822 W. 4th St., Leadville, CO 80461
Please type the phone number:
719-486-0230
2.009
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:

1
1 _ Amelia Anderson _ 18 _ Adult_ 07/07/2004 _ 810 Front St., Leadville, CO 80461 _719-486-0749_ 2.001
2 _ Archie Austin _ 16 _ Child_ 05/05/2006 _ 510 Spruce St., Leadville, CO 80461 _ 719-486-1234 _ 2.002
3 _ Lillian Stuart _ 21 _ Adult_ 05/23/2001 _ 2878 Co Rd. 22, Fairplay, CO 80440 _ 719-486-3333 _ 2.003
4 _ Jack Morton _ 8 _ Child_ 11/11/2014 _ 2880 Halfmoon Rd., Leadville, CO 80461 _ 719-486-0981 _ 2.004
5 _ Marmaduke Archibald Pomiselus _ 44 _ Adult_ 12/12/1977 _ 2600 Halfmoon Rd., Leadville, CO 80641 _ 719-486-3435 _ 2.005
6 _ Calista Langley _ 53 _ Adult_ 02/13/1969 _ 210 W. 8th St., Leadville, CO 80461 _ 719-486-3918 _ 2.006
7 _ Cassie Pomiselus _ 6 _ Child_ 04/04/2016 _ 2600 Halfmoon Rd., Leadville, CO 80461 _ 719-486-3435 _ 2.007
8 _ Charles Pennington _ 24 _ Adult _ 08/01/1998 _ 2876 CO Rd. 22, Fairplay, CO 80440 _ 719-486-0953 _ 2.008
9 _ George Wort _ 96 _ Adult _ 01/01/1926 _ 822 W. 4th St., Leadville, CO 80461 _ 719-486-0230 _ 2.009

Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:
```

To remove a patron type 3.

You will have to input the number of the patron you wish to remove. Please be very careful because there is no way to undo this action and if you make a mistake you will have to add the patron again.

```
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:

3
Please type the number of the person you wish to remove:
9
 _ George Wort _ 96 _ Adult _ 01/01/1926 _ 822 W. 4th St., Leadville, CO 80461 _ 719-486-0230 _ 2.009 is being removed.
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:

1
1 _ Amelia Anderson _ 18 _ Adult_ 07/07/2004 _ 810 Front St., Leadville, CO 80461 _719-486-0749_ 2.001
2 _ Archie Austin _ 16 _ Child_ 05/05/2006 _ 510 Spruce St., Leadville, CO 80461 _ 719-486-1234 _ 2.002
3 _ Lillian Stuart _ 21 _ Adult_ 05/23/2001 _ 2878 Co Rd. 22, Fairplay, CO 80440 _ 719-486-3333 _ 2.003
4 _ Jack Morton _ 8 _ Child_ 11/11/2014 _ 2880 Halfmoon Rd., Leadville, CO 80461 _ 719-486-0981 _ 2.004
5 _ Marmaduke Archibald Pomiselus _ 44 _ Adult_ 12/12/1977 _ 2600 Halfmoon Rd., Leadville, CO 80641 _ 719-486-3435 _ 2.005
6 _ Calista Langley _ 53 _ Adult_ 02/13/1969 _ 210 W. 8th St., Leadville, CO 80461 _ 719-486-3918 _ 2.006
7 _ Cassie Pomiselus _ 6 _ Child_ 04/04/2016 _ 2600 Halfmoon Rd., Leadville, CO 80461 _ 719-486-3435 _ 2.007
8 _ Charles Pennington _ 24 _ Adult _ 08/01/1998 _ 2876 CO Rd. 22, Fairplay, CO 80440 _ 719-486-0953 _ 2.008

Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:
```

To edit a patron type 4. Then input their number. In this example, the address of this patron is being corrected.

```
4
Please type the number of the patron you want to edit
3
 _ Lillian Stuart _ 21 _ Adult_ 05/23/2001 _ 2878 Co Rd. 22, Fairplay, CO 80440 _ 719-486-3333 _ 2.003
What part do you want to edit?
Type 1 to edit the name of the movie.
Type 2 to edit the dateofBirth.
Type 3 to edit the address.
Type 4 to edit the phone.
3
 Address Change
Current Address is:  2878 Co Rd. 22, Fairplay, CO 80440
Please type the Address:
2878 CO Rd. 22, Fairplay, CO 80440
2878 CO Rd. 22, Fairplay, CO 80440
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:

1
1 _ Amelia Anderson _ 18 _ Adult_ 07/07/2004 _ 810 Front St., Leadville, CO 80461 _719-486-0749_ 2.001
2 _ Archie Austin _ 16 _ Child_ 05/05/2006 _ 510 Spruce St., Leadville, CO 80461 _ 719-486-1234 _ 2.002
3 _ Lillian Stuart _21_Adult_ 05/23/2001 _2878 CO Rd. 22, Fairplay, CO 80440_ 719-486-3333 _ 2.003
4 _ Jack Morton _ 8 _ Child_ 11/11/2014 _ 2880 Halfmoon Rd., Leadville, CO 80461 _ 719-486-0981 _ 2.004
5 _ Marmaduke Archibald Pomiselus _ 44 _ Adult_ 12/12/1977 _ 2600 Halfmoon Rd., Leadville, CO 80641 _ 719-486-3435 _ 2.005
6 _ Calista Langley _ 53 _ Adult_ 02/13/1969 _ 210 W. 8th St., Leadville, CO 80461 _ 719-486-3918 _ 2.006
7 _ Cassie Pomiselus _ 6 _ Child_ 04/04/2016 _ 2600 Halfmoon Rd., Leadville, CO 80461 _ 719-486-3435 _ 2.007
8 _ Charles Pennington _ 24 _ Adult _ 08/01/1998 _ 2876 CO Rd. 22, Fairplay, CO 80440 _ 719-486-0953 _ 2.008

Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:
```

Type 5 to search patrons. You can search patrons by name, age, age group, or date of birth. If you do not know the full name of the patron just enter their first or last name. Below are some examples.

```
You are searching age Groups.
Please input the group you are searching.
child
1 _   Archie Austin  -  16  -  Child -  05/05/2006  -  510 Spruce St., Leadville, CO 80461  -  719-486-1234  -  2.002
2 _   Jack Morton  -  8  -  Child -  11/11/2014  -  2880 Halfmoon Rd., Leadville, CO 80461  -  719-486-0981  -  2.004
3 _   Cassie Pomiselus  -  6  -  Child -  04/04/2016  -  2600 Halfmoon Rd., Leadville, CO 80461  -  719-486-3435  -  2.007
Type 1 to continue searching, type 0 to quit.
1
Please type the catagory you are searching.
Please type 1 to search names.
Please type 2 to search ages.
Please tpye 3 to search age groups.
Please type 4 to search dob.
1
You are searching names.
Please input the name you are searching.
Cassie
1 _   Cassie Pomiselus  -  6  -  Child -  04/04/2016  -  2600 Halfmoon Rd., Leadville, CO 80461  -  719-486-3435  -  2.007
Type 1 to continue searching, type 0 to quit.
0
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:
```

```
Welcome to the Patrons Menu:
Please type 1 to view all patrons:
Please type 2 to add a patron:
Please type 3 to remove a patron:
Please type 4 to edit a patron:
Please type 5 to search patrons:

5
Please type the catagory you are searching.
Please type 1 to search names.
Please type 2 to search ages.
Please tpye 3 to search age groups.
Please type 4 to search dob.
3
You are searching age Groups.
Please input the group you are searching.
child
1 _   Archie Austin  -  16  -  Child -  05/05/2006  -  510 Spruce St., Leadville, CO 80461  -  719-486-1234  -  2.002
2 _   Jack Morton  -  8  -  Child -  11/11/2014  -  2880 Halfmoon Rd., Leadville, CO 80461  -  719-486-0981  -  2.004
3 _   Cassie Pomiselus  -  6  -  Child -  04/04/2016  -  2600 Halfmoon Rd., Leadville, CO 80461  -  719-486-3435  -  2.007
Type 1 to continue searching, type 0 to quit.
```

Option 3: The Loans Menu

To enter the Loans Menu from the Main Menu, type 3. In the loans menu type 1 to view all loans.

Every time the Loans Menu is opened, all of the Loans will be checked for being overdue. If the loan is over due the word "overdue/(days overdue) will be displayed after the due date. Once a loan is returned it will no longer be marked as overdue.

```
Welcome to the Leadville Library
This is the main menu.
Please choose 1 to access the employees menu:
Please choose 2 to access the patrons menu:
Please choose 3 to access the loans menu:
Please choose 4 to access the books menu:
Please choose 5 to access the movies menu:
Please choose 6 to access the programs menu:
To quit the system choose 0:
What menu do you want to access?
3
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

1
  The Mortal Storm   ~   1940   ~   3.2.003 ~   Amelia Anderson   ~   07/07/2004   ~   2.001 ~ 11/11/2022 ~ 11/14/2022       ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Archie Austin   ~   05/05/2006   ~   2.002 ~ 11/11/2022 ~ 11/14/2022       ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Jack Morton   ~   11/11/2014   ~   2.004 ~ 11/11/2022 ~ 11/25/2022       ~ Self-Checkout ~ 000
  Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~ 11/14/2022       ~ Self-Checkout ~ 000
  Saboteur   ~   1942   ~   3.2.004 ~   Marmaduke Archibald Pomiselus   ~   12/12/1977   ~   2.005 ~ 11/11/2022 ~ 11/14/2022       ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Cassie Pomiselus   ~   04/04/2016   ~   2.007 ~ 11/11/2022 ~ 11/25/2022       ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Charles Pennington   ~   08/01/1998   ~   2.008 ~ 11/11/2022 ~ 11/14/2022   ~ Maria Ramos ~ 1007
  Mountaineering   ~   2010   ~   3.1.006 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~ 11/25/2022   ~ Maria Ramos ~ 1007
  Roof of the Rockies   ~   2000   ~   3.1.007 ~   Calista Langley   ~   02/13/1969   ~   2.006 ~ 11/11/2022 ~ 11/25/2022 ~ Jessica Gonzales ~ 1009

Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:
```

Type 2 to add a loan. Adding loans is a little bit tricky. First you are going to find the patron who is checking out the material by searching them in the system just as you would search patrons normally. If the patron you are looking for appears in your first search type 0 to quit searching. Next enter the number that was next to the patron you want. If you did not find your patron on the first search you can type 1 to continue searching. Next you are going to search for materials using the same process. Then you will enter the name and id of the employee who conducted the checkout. If the patron used the self-checkout, put Self-Checkout in the employee name field and put 000 as the

employee number.

```
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

2
You are picking a patron to loan the material.
Please type the catagory you are searching.
Please type 1 to search names.
Please type 2 to search ages.
Please tpye 3 to search age groups.
Please type 4 to search dob.
2
Enter the age you are searching.
44
1 _  Marmaduke Archibald Pomiselus  -  44  -  Adult -  12/12/1977  -  2600 Halfmoon Rd., Leadville, CO 80641  -  719-486-3435  -  2.005
Type 1 to continue searching, type 0 to quit.
0
Please type number of the name of the patron.

1
If you are borrowing a book type 1.
If you are borrowing a movie type 2.

2
Please type the catagory you are searching.
Please type 1 to search names of movies.
Please type 2 to search for directors.
Please tpye 3 to search dates of publication.
Please type 4 to search for countries of origin.
Please type 5 to search genre:
Type 0 to quit.

2
You are searching directors.
Please input the name you are searching.
Hitchcock
1 ~  North by Northwest  ~  Alfred Hitchcock  ~  1959  ~  USA  ~  fiction  ~  3.2.001
2 ~  Saboteur  ~  Alfred Hitchcock  ~  1942  ~  USA  ~  fiction  ~  3.2.004
3 ~  Foreign Correspondent  ~ Alfred Hitchcock ~  1940  ~  USA  ~  fiction  ~  3.2.006
Type 1 to continue searching, type 0 to return to the movies menu.
0
Please type the number of the item you would like to borrow.

3
What is the name of the Employee?
Self-Checkout
What is the Id number of the Employee?
000
  Foreign Correspondent   was loaned to   Marmaduke Archibald Pomiselus   on 11/11/2022 it is due 11/14/2022
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:
```

Now you should be able to see your loan.

```
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

1
  The Mortal Storm   ~   1940   ~   3.2.003 ~   Amelia Anderson   ~   07/07/2004   ~   2.001 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Archie Austin   ~   05/05/2006   ~   2.002 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Jack Morton   ~   11/11/2014   ~   2.004 ~ 11/11/2022 ~ 11/25/2022        ~ Self-Checkout ~ 000
  Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Saboteur   ~   1942   ~   3.2.004 ~   Marmaduke Archibald Pomiselus   ~   12/12/1977   ~   2.005 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Cassie Pomiselus   ~   04/04/2016   ~   2.007 ~ 11/11/2022 ~ 11/25/2022        ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Charles Pennington   ~   08/01/1998   ~   2.008 ~ 11/11/2022 ~ 11/14/2022   ~ Maria Ramos ~ 1007
  Mountaineering   ~   2010   ~   3.1.006 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~ 11/25/2022   ~ Maria Ramos ~ 1007
  Roof of the Rockies   ~   2000   ~   3.1.007 ~   Calista Langley   ~   02/13/1969   ~   2.006 ~ 11/11/2022 ~ 11/25/2022 ~ Jessica Gonzales ~ 1009
  Foreign Correspondent   ~   1940   ~   3.2.006 ~   Marmaduke Archibald Pomiselus   ~   12/12/1977   ~   2.005 ~ 11/11/2022 ~ 11/14/2022 ~ Self-Checkout ~ 000

Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:
```

If in searching for your loan, all copies of the material are loaned, you will be told that no copies of the material are available. See below

```
What menu do you want to access?
3
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

2
You are picking a patron to loan the material.
Please type the catagory you are searching.
Please type 1 to search names.
Please type 2 to search ages.
Please tpye 3 to search age groups.
Please type 4 to search dob.
2
Enter the age you are searching.
53
1 _  Calista Langley  -  53  -  Adult -  02/13/1969  -  210 W. 8th St., Leadville, CO 80461  -  719-486-3918  -  2.006
Type 1 to continue searching, type 0 to quit.
0
Please type number of the name of the patron.

1
If you are borrowing a book type 1.
If you are borrowing a movie type 2.

2
Please type the catagory you are searching.
Please type 1 to search names of movies.
Please type 2 to search for directors.
Please tpye 3 to search dates of publication.
Please type 4 to search for countries of origin.
Please type 5 to search genre:
Type 0 to quit.

2
You are searching directors.
Please input the name you are searching.
Lang
1 ~  Ministry of Fear  ~  Fritz Lang  ~  1942  ~  UK  ~  fiction  ~  3.2.002
Type 1 to continue searching, type 0 to return to the movies menu.
0
Please type the number of the item you would like to borrow.

1
What is the name of the Employee?
Self-Checkout
What is the Id number of the Employee?
000
Sorry, no copies of   Ministry of Fear   were avalible.

Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:
```

To remove a loan type 3. Then type the number of the loan. All of the loans will be displayed with their numbers.

```
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

3
1   The Mortal Storm    ~   1940   ~   3.2.003 ~    Amelia Anderson    ~    07/07/2004    ~   2.001 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
2   Ministry of Fear    ~   1942   ~   3.2.002 ~    Archie Austin    ~   05/05/2006    ~    2.002 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
3   Colorado's Fourteeners    ~   2011   ~   3.1.001 ~    Jack Morton    ~   11/11/2014    ~   2.004 ~ 11/11/2022 ~ 11/25/2022        ~ Self-Checkout ~ 000
4   Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart    ~   05/23/2001    ~   2.003 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
5   Saboteur    ~   1942   ~   3.2.004 ~   Marmaduke Archibald Pomiselus    ~   12/12/1977    ~   2.005 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
6   Colorado's Fourteeners    ~   2011   ~   3.1.001 ~   Cassie Pomiselus    ~   04/04/2016    ~   2.007 ~ 11/11/2022 ~ 11/25/2022        ~ Self-Checkout ~ 000
7   Ministry of Fear    ~   1942   ~   3.2.002 ~   Charles Pennington    ~   08/01/1998    ~   2.008 ~ 11/11/2022 ~ 11/14/2022    ~ Maria Ramos ~ 1007
8   Mountaineering    ~   2010   ~   3.1.006 ~   Lillian Stuart    ~   05/23/2001    ~   2.003 ~ 11/11/2022 ~ 11/25/2022    ~ Maria Ramos ~ 1007
9   The Virginian    ~   1902   ~   3.1.003 ~   Calista Langley    ~   02/13/1969    ~   2.006 ~ 11/11/2022 ~ 11/25/2022    ~ Jessica Gonzales ~ 1009
10   Foreign Correspondent    ~   1940   ~   3.2.006 ~   Marmaduke Archibald Pomiselus    ~   12/12/1977    ~   2.005 ~ 11/11/2022 ~ 11/14/2022   ~ Self-Checkout ~ 000
Please type the number of the loan you wish to remove:

8
  Mountaineering    ~   2010   ~   3.1.006 ~   Lillian Stuart    ~   05/23/2001    ~   2.003 ~ 11/11/2022 ~ 11/25/2022    ~ Maria Ramos ~ 1007 is being removed.

Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

1
  The Mortal Storm   ~   1940   ~   3.2.003 ~   Amelia Anderson    ~   07/07/2004    ~   2.001 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Archie Austin    ~   05/05/2006    ~   2.002 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~    Jack Morton    ~   11/11/2014    ~   2.004 ~ 11/11/2022 ~ 11/25/2022        ~ Self-Checkout ~ 000
  Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart    ~   05/23/2001    ~   2.003 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Saboteur   ~   1942   ~   3.2.004 ~   Marmaduke Archibald Pomiselus    ~   12/12/1977    ~   2.005 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Cassie Pomiselus    ~   04/04/2016    ~   2.007 ~ 11/11/2022 ~ 11/25/2022        ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Charles Pennington    ~   08/01/1998    ~   2.008 ~ 11/11/2022 ~ 11/14/2022    ~ Maria Ramos ~ 1007
  The Virginian   ~   1902   ~   3.1.003 ~   Calista Langley    ~   02/13/1969    ~   2.006 ~ 11/11/2022 ~ 11/25/2022    ~ Jessica Gonzales ~ 1009
  Foreign Correspondent   ~   1940   ~   3.2.006 ~   Marmaduke Archibald Pomiselus    ~   12/12/1977    ~   2.005 ~ 11/11/2022 ~ 11/14/2022   ~ Self-Checkout ~ 000

Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:
```

To edit the loan type 4: You can edit the patron, the material, the due date, or return the material.

```
1
You are editing the patron.

You are picking a patron to loan the material.
Please type the catagory you are searching.
Please type 1 to search names.
Please type 2 to search ages.
Please tpye 3 to search age groups.
Please type 4 to search dob.
1
You are searching names.
Please input the name you are searching.
Langley
1 _  Calista Langley  -  53  -  Adult -  02/13/1969  -  210 W. 8th St., Leadville, CO 80461  -  719-486-3918  -  2.006
Type 1 to continue searching, type 0 to quit.
0
Please type number of the name of the patron.

1
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

1
  The Mortal Storm   ~   1940   ~   3.2.003 ~   Amelia Anderson    ~   07/07/2004    ~   2.001 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Archie Austin    ~   05/05/2006    ~   2.002 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~    Jack Morton    ~   11/11/2014    ~   2.004 ~ 11/11/2022 ~ 11/25/2022        ~ Self-Checkout ~ 000
  Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart    ~   05/23/2001    ~   2.003 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Saboteur   ~   1942   ~   3.2.004 ~   Marmaduke Archibald Pomiselus    ~   12/12/1977    ~   2.005 ~ 11/11/2022 ~ 11/14/2022        ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Cassie Pomiselus    ~   04/04/2016    ~   2.007 ~ 11/11/2022 ~ 11/25/2022        ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Charles Pennington    ~   08/01/1998    ~   2.008 ~ 11/11/2022 ~ 11/14/2022    ~ Maria Ramos ~ 1007
  The Virginian   ~   1902   ~   3.1.003 ~   Calista Langley    ~   02/13/1969    ~   2.006 ~ 11/11/2022 ~ 11/25/2022    ~ Jessica Gonzales ~ 1009
  Foreign Correspondent   ~   1940   ~   3.2.006 ~   Marmaduke Archibald Pomiselus    ~   12/12/1977    ~   2.005 ~ 11/11/2022 ~ 11/14/2022   ~ Self-Checkout ~ 000

Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:
```

To see an example of a movie being returned see below. If the material is returned the word
"returned" will appear in front of the date it was returned in place of the due date.

```
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

4
1   The Mortal Storm    ~   1940   ~   3.2.003 ~   Amelia Anderson   ~   07/07/2004   ~   2.001 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
2   Ministry of Fear    ~   1942   ~   3.2.002 ~   Archie Austin   ~   05/05/2006   ~   2.002 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
3   Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Jack Morton   ~   11/11/2014   ~   2.004 ~ 11/11/2022 ~ 11/25/2022          ~ Self-Checkout ~ 000
4   Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
5   Saboteur    ~   1942   ~   3.2.004 ~   Marmaduke Archibald Pomiselus   ~   12/12/1977   ~   2.005 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
6   Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Cassie Pomiselus   ~   04/04/2016   ~   2.007 ~ 11/11/2022 ~ 11/25/2022          ~ Self-Checkout ~ 000
7   Ministry of Fear    ~   1942   ~   3.2.002 ~   Charles Pennington   ~   08/01/1998   ~   2.008 ~ 11/11/2022 ~ 11/14/2022     ~ Maria Ramos ~ 1007
8    The Virginian    ~   1902   ~   3.1.003 ~   Calista Langley   ~   02/13/1969   ~   2.006 ~ 11/11/2022 ~ 11/25/2022    ~ Jessica Gonzales ~ 1009
9   Foreign Correspondent   ~   1940   ~   3.2.006 ~   Marmaduke Archibald Pomiselus   ~   12/12/1977   ~   2.005 ~ 11/11/2022 ~ 11/14/2022   ~ Self-Checkout ~ 000
Please type the number of the loan you want to edit.

4
You are editing:   Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
Please type 1 to edit the patron.
Please type 2 to edit the material.
Please type 3 to edit the due date.
Please type 4 to return the material.
Please type 0 to quit.

4
You are returning the material.

Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

1
  The Mortal Storm   ~   1940   ~   3.2.003 ~   Amelia Anderson   ~   07/07/2004   ~   2.001 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Archie Austin   ~   05/05/2006   ~   2.002 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Jack Morton   ~   11/11/2014   ~   2.004 ~ 11/11/2022 ~ 11/25/2022          ~ Self-Checkout ~ 000
  Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~returned 11/11/2022 ~ Self-Checkout ~ 000
  Saboteur   ~   1942   ~   3.2.004 ~   Marmaduke Archibald Pomiselus   ~   12/12/1977   ~   2.005 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
  Colorado's Fourteeners   ~   2011   ~   3.1.001 ~   Cassie Pomiselus   ~   04/04/2016   ~   2.007 ~ 11/11/2022 ~ 11/25/2022          ~ Self-Checkout ~ 000
  Ministry of Fear   ~   1942   ~   3.2.002 ~   Charles Pennington   ~   08/01/1998   ~   2.008 ~ 11/11/2022 ~ 11/14/2022     ~ Maria Ramos ~ 1007
   The Virginian   ~   1902   ~   3.1.003 ~   Calista Langley   ~   02/13/1969   ~   2.006 ~ 11/11/2022 ~ 11/25/2022    ~ Jessica Gonzales ~ 1009
  Foreign Correspondent   ~   1940   ~   3.2.006 ~   Marmaduke Archibald Pomiselus   ~   12/12/1977   ~   2.005 ~ 11/11/2022 ~ 11/14/2022   ~ Self-Checkout ~ 000

Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:
```

Type 5 to search a loan:

```
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

5
Welcome to the loans searcher.
Please type the catagory you are searching.
Please type 1 to search material names.
Please type 2 to search patron names.
Please tpye 3 to search employee names.
Please type 4 to search due dates.
Please type 5 to search checkout dates.
Type 0 to quit.

2
You are searching patron names.
Please input the name you are searching.

Lillian
  Night Train to Munich   ~   1940   ~   3.2.008 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~ 11/14/2022          ~ Self-Checkout ~ 000
  Mountaineering   ~   2010   ~   3.1.006 ~   Lillian Stuart   ~   05/23/2001   ~   2.003 ~ 11/11/2022 ~ 11/25/2022    ~ Maria Ramos ~ 1007
Please type the catagory you are searching.
Please type 1 to search material names.
Please type 2 to search patron names.
Please tpye 3 to search employee names.
Please type 4 to search due dates.
Please type 5 to search checkout dates.
Type 0 to quit.

0
Welcome to the Loans Menu:
Please type 1 to view all loans:
Please type 2 to add a loan:
Please type 3 to remove a loan:
Please type 4 to edit a loan:
Please type 5 to search loan:
To quit type 0:

0
Thank you for visiting the loans menu.

Welcome to the Leadville Library
This is the main menu.
Please choose 1 to access the employees menu:
Please choose 2 to access the patrons menu:
Please choose 3 to access the loans menu:
Please choose 4 to access the books menu:
Please choose 5 to access the movies menu:
Please choose 6 to access the programs menu:
To quit the system choose 0:
What menu do you want to access?
```

Option 4: The Books Menu

When you enter the books menu you will be prompted to select an option.

If you select 1 to view all of the books, the books will print as is shown below.

```
What menu do you want to access?
4
Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:

1
1 ~ Colorado's Fourteeners ~ Gerry Roach ~ 2011 ~ USA ~ nonfiction ~ 3.1.001
2 ~ The Mousetrap ~ Agatha Christie ~ 1925 ~ UK ~ fiction ~ 3.1.002
3 ~ The Virginian ~ Owen Wister ~ 1902 ~ USA ~ fiction ~ 3.1.003
4 ~ Birds of Florida ~ Stan Tekiela ~ 2001 ~ USA ~ nonfiction ~ 3.1.004
5 ~ Lords of the North ~ Agnes Laut ~ 1900 ~ Canada ~ fiction ~ 3.1.005
6 ~ Mountaineering ~ Alun Richardson ~ 2010 ~ USA ~ nonfiction ~ 3.1.006

Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:
```

Now, you can make another selection.

If you pick 2, you will be adding a book. This process is shown below.

```
Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:

2
Please type the name of the book:
Roof of the Rockies
Please type the name of the author of the book:
William M. Bueler
Please type the year of publication of the book:
2000
Please type country of origin of the book:
USA
Please type 1 if the book is nonfiction and 2 if the book is fiction.

1
3.1.007
How many copies do you have?
3
Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:

1
1 ~ Colorado's Fourteeners ~ Gerry Roach ~ 2011 ~ USA ~ nonfiction ~ 3.1.001
2 ~ The Mousetrap ~ Agatha Christie ~ 1925 ~ UK ~ fiction ~ 3.1.002
3 ~ The Virginian ~ Owen Wister ~ 1902 ~ USA ~ fiction ~ 3.1.003
4 ~ Birds of Florida ~ Stan Tekiela ~ 2001 ~ USA ~ nonfiction ~ 3.1.004
5 ~ Lords of the North ~ Agnes Laut ~ 1900 ~ Canada ~ fiction ~ 3.1.005
6 ~ Mountaineering ~ Alun Richardson ~ 2010 ~ USA ~ nonfiction ~ 3.1.006
7 ~ Roof of the Rockies ~ William M. Bueler ~ 2000 ~ USA ~ nonfiction ~ 3.1.007

Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:
```

Now to remove books, type 3. The easy process is shown below.

```
Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:

3
Please number of the book to remove

4
 ~ Birds of Florida ~ Stan Tekiela ~ 2001 ~ USA ~ nonfiction ~ 3.1.004 is being removed.

Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:

1
1 ~ Colorado's Fourteeners ~ Gerry Roach ~ 2011 ~ USA ~ nonfiction ~ 3.1.001
2 ~ The Mousetrap ~ Agatha Christie ~ 1925 ~ UK ~ fiction ~ 3.1.002
3 ~ The Virginian ~ Owen Wister ~ 1902 ~ USA ~ fiction ~ 3.1.003
4 ~ Lords of the North ~ Agnes Laut ~ 1900 ~ Canada ~ fiction ~ 3.1.005
5 ~ Mountaineering ~ Alun Richardson ~ 2010 ~ USA ~ nonfiction ~ 3.1.006
6 ~ Roof of the Rockies ~ William M. Bueler ~ 2000 ~ USA ~ nonfiction ~ 3.1.007
7 ~ 55 Ways to the Wilderness in Southcentral Alaska ~ Helen D. Nienhueser ~ 2002 ~ USA ~ nonfiction ~ 3.1.008

Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:
```

Picking option 4, you can edit a book. This process is shown below.

```
Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:

4
Please type the number of the book you want to edit

8
 ~ Southcentral Alaska ~ Helen D. Nienhueser ~ 2002 ~ USA ~ nonfiction ~ 3.1.008
SouthcentralAlaska2002Id31008.txt
What part do you want to edit?
Type 1 to edit the name of the book.
Type 2 to edit the name of the author of the book.
Type 3 to edit the date of the book.
Type 4 to edit the country of the book.
Type 5 to edit the number of copies of the book.
Type 0 to quit.

1
 Name Change
Current Name is:  Southcentral Alaska
Please type the name:
55 Ways to the Wilderness in Southcentral Alaska
 55 Ways to the Wilderness in Southcentral Alaska
Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:

1
1 ~ Colorado's Fourteeners ~ Gerry Roach ~ 2011 ~ USA ~ nonfiction ~ 3.1.001
2 ~ The Mousetrap ~ Agatha Christie ~ 1925 ~ UK ~ fiction ~ 3.1.002
3 ~ The Virginian ~ Owen Wister ~ 1902 ~ USA ~ fiction ~ 3.1.003
4 ~ Birds of Florida ~ Stan Tekiela ~ 2001 ~ USA ~ nonfiction ~ 3.1.004
5 ~ Lords of the North ~ Agnes Laut ~ 1900 ~ Canada ~ fiction ~ 3.1.005
6 ~ Mountaineering ~ Alun Richardson ~ 2010 ~ USA ~ nonfiction ~ 3.1.006
7 ~ Roof of the Rockies ~ William M. Bueler ~ 2000 ~ USA ~ nonfiction ~ 3.1.007
8 ~ 55 Ways to the Wilderness in Southcentral Alaska ~ Helen D. Nienhueser ~ 2002 ~ USA ~ nonfiction ~ 3.1.008

Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:
```

To search, type 5.

```
Welcome to the Books Menu:
Please type 1 to view books:
Please type 2 to add books:
Please type 3 to remove books:
Please type 4 to edit books:
Please type 5 to search books:
Please type 0 to quit the books menu:

5
Please type the catagory you are searching.
Please type 1 to search names of books.
Please type 2 to search for authors.
Please tpye 3 to search dates.
Please type 4 to search for countries.
Please type 5 to search genre:
Type 0 to quit.

3
Enter the date you are searching.
2000
1 ~  Roof of the Rockies  ~  William M. Bueler  ~  2000  ~  USA  ~  nonfiction  ~  3.1.007
Type 1 to continue searching, type 0 to return to the books menu.
1
Please type the catagory you are searching.
Please type 1 to search names of books.
Please type 2 to search for authors.
Please tpye 3 to search dates.
Please type 4 to search for countries.
Please type 5 to search genre:
Type 0 to quit.

4
You are searching countries.
Please input the country you are searching for.
USA
1 ~  Colorado's Fourteeners  ~  Gerry Roach  ~  2011  ~  USA  ~  nonfiction  ~  3.1.001
2 ~  The Virginian  ~  Owen Wister  ~  1902  ~  USA  ~  fiction  ~  3.1.003
3 ~  Mountaineering  ~  Alun Richardson  ~  2010  ~  USA  ~  nonfiction  ~  3.1.006
4 ~  Roof of the Rockies  ~  William M. Bueler  ~  2000  ~  USA  ~  nonfiction  ~  3.1.007
5 ~  55 Ways to the Wilderness in Southcentral Alaska  ~  Helen D. Nienhueser  ~  2002  ~  USA  ~  nonfiction  ~  3.1.008
Type 1 to continue searching, type 0 to return to the books menu.
```

You can search by the name of the book, the author's name, the date published, the country of origin, or the genre. If you don't remember the author or book's entire name, just put in what you remember. The searcher will find any book with any of the words that you entered.

To stop searching you must type 0 to return to the Books Menu. If you want to return to the main menu, type 0 again. To exit the program type 0 a third time.

Below are more examples of searches.

```
Type 1 to continue searching, type 0 to return to the books menu.
1
Please type the catagory you are searching.
Please type 1 to search names of books.
Please type 2 to search for authors.
Please tpye 3 to search dates.
Please type 4 to search for countries.
Please type 5 to search genre:
Type 0 to quit.

1
You are searching titles.
Please input the name you are searching.
Colorado's Fourteeners
1 ~  Colorado's Fourteeners  ~  Gerry Roach  ~  2011  ~  USA  ~  nonfiction  ~  3.1.001
Type 1 to continue searching, type 0 to return to the books menu.
1
Please type the catagory you are searching.
Please type 1 to search names of books.
Please type 2 to search for authors.
Please tpye 3 to search dates.
Please type 4 to search for countries.
Please type 5 to search genre:
Type 0 to quit.

2
You are searching authors.
Please input the name you are searching.
Agatha Christie
1 ~   The Mousetrap  ~  Agatha Christie  ~  1925  ~  UK  ~  fiction  ~  3.1.002
1 ~   The Mousetrap  ~  Agatha Christie  ~  1925  ~  UK  ~  fiction  ~  3.1.002
Type 1 to continue searching, type 0 to return to the books menu.
```

```
Please type the catagory you are searching.
Please type 1 to search names of books.
Please type 2 to search for authors.
Please tpye 3 to search dates.
Please type 4 to search for countries.
Please type 5 to search genre:
Type 0 to quit.

5
You are searching genres.
Please input the genre you are searching.
fiction
1 ~   The Mousetrap   ~  Agatha Christie  ~  1925   ~  UK   ~  fiction   ~  3.1.002
2 ~   The Virginian   ~  Owen Wister   ~  1902   ~  USA  ~  fiction   ~  3.1.003
3 ~   Lords of the North  ~  Agnes Laut  ~  1900   ~  Canada  ~  fiction   ~  3.1.005
Type 1 to continue searching, type 0 to return to the books menu.
```

Option 5: The Movies Menu

As shown below, type 5 to enter the Movies Menu. The Books Menu and Movies Menu are very similar.

To view all of the movies type 1. To add a movie type 2 and follow the instructions as shown below.

```
What menu do you want to access?
5
Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:

1
1 ~ North by Northwest ~ Alfred Hitchcock ~ 1959 ~ USA ~ fiction ~ 3.2.001
2 ~ Ministry of Fear ~ Fritz Lang ~ 1942 ~ UK ~ fiction ~ 3.2.002
3 ~ The Mortal Storm ~ Frank Borzage ~ 1940 ~ USA ~ fiction ~ 3.2.003
4 ~ Saboteur ~ Alfred Hitchcock ~ 1942 ~ USA ~ fiction ~ 3.2.004
5 ~ Bachelor Mother ~ Garson Kanin ~ 1939 ~ USA ~ fiction ~ 3.2.005
6 ~ Foreign Correspondent ~Alfred Hitchcock~ 1940 ~ USA ~ fiction ~ 3.2.006
7 ~ Secret Agent ~ Alfred Hitchcock ~ 1936 ~ UK ~ fiction ~ 3.2.007
8 ~ Night Train to Munich ~ Carol Reed ~ 1940 ~ USA, UK ~ fiction ~ 3.2.008

Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:

2
Please type the name of the movie:
The Shop Around the Corner
Please type the name of the director of the movie:
Ernst Lubitsch
Please type the year of publication of the movie:
1940
Please type country of origin of the movie:
USA
Please type 1 if the movie is nonfiction and 2 if the movie is fiction.

2
3.2.009
How many copies do you have?
2
Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:
```

To remove a movie type 3. You will have to remember the number of the movie you wish to remove. If you forget the number type 0 as the number of the movie you wish to remove and then 1 to view the movies to find the number of the movie you wish to remove.

```
Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:

3
Please number of the movies to remove

7
 ~ Secret Agent ~ Alfred Hitchcock ~ 1936 ~ UK ~ fiction ~ 3.2.007 is being removed.

Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:

1
1 ~ North by Northwest ~ Alfred Hitchcock ~ 1959 ~ USA ~ fiction ~ 3.2.001
2 ~ Ministry of Fear ~ Fritz Lang ~ 1942 ~ UK ~ fiction ~ 3.2.002
3 ~ The Mortal Storm ~ Frank Borzage ~ 1940 ~ USA ~ fiction ~ 3.2.003
4 ~ Saboteur ~ Alfred Hitchcock ~ 1942 ~ USA ~ fiction ~ 3.2.004
5 ~ Bachelor Mother ~ Garson Kanin ~ 1939 ~ USA ~ fiction ~ 3.2.005
6 ~ Foreign Correspondent ~Alfred Hitchcock~ 1940 ~ USA ~ fiction ~ 3.2.006
7 ~ Night Train to Munich ~ Carol Reed ~ 1940 ~ USA, UK ~ fiction ~ 3.2.008
8 ~ The Shop Around the Corner ~ Ernst Lubitsch ~ 1940 ~ USA ~ fiction ~ 3.2.009
9 ~ Casablanca ~ Michael Curtiz ~ 1942 ~USA~ fiction ~ 3.2.0010

Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:
```

To edit a movie type 4.

```
Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:

4
Please type the number of the movie you want to edit n
10
 ~ Casablanca ~ Michael Curtiz ~ 1942 ~ America ~ fiction ~ 3.2.0010
Casablanca1942Id320010.txt
What part do you want to edit?
Type 1 to edit the name of the movie.
Type 2 to edit the name of the director of the movie.
Type 3 to edit the date of the movie.
Type 4 to edit the country of the movie.
Type 5 to edit the number of copies of the movie.
Type 0 to quit.

4
 Country of Origin Change
Current Country of Origin is:   America
Please type the country:
USA
USA
Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:

1
1 ~ North by Northwest ~ Alfred Hitchcock ~ 1959 ~ USA ~ fiction ~ 3.2.001
2 ~ Ministry of Fear ~ Fritz Lang ~ 1942 ~ UK ~ fiction ~ 3.2.002
3 ~ The Mortal Storm ~ Frank Borzage ~ 1940 ~ USA ~ fiction ~ 3.2.003
4 ~ Saboteur ~ Alfred Hitchcock ~ 1942 ~ USA ~ fiction ~ 3.2.004
5 ~ Bachelor Mother ~ Garson Kanin ~ 1939 ~ USA ~ fiction ~ 3.2.005
6 ~ Foreign Correspondent ~Alfred Hitchcock~ 1940 ~ USA ~ fiction ~ 3.2.006
7 ~ Secret Agent ~ Alfred Hitchcock ~ 1936 ~ UK ~ fiction ~ 3.2.007
8 ~ Night Train to Munich ~ Carol Reed ~ 1940 ~ USA, UK ~ fiction ~ 3.2.008
9 ~ The Shop Around the Corner ~ Ernst Lubitsch ~ 1940 ~ USA ~ fiction ~ 3.2.009
10 ~ Casablanca ~ Michael Curtiz ~ 1942 ~USA~ fiction ~ 3.2.0010

Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:
```

To search for a movie type 5. You can search for the movie in several ways as is shown.

```
3
Enter the date you are searching.
1940
1 ~   The Mortal Storm   ~   Frank Borzage   ~   1940   ~   USA   ~   fiction   ~   3.2.003
2 ~   Foreign Correspondent   ~ Alfred Hitchcock ~   1940   ~   USA   ~   fiction   ~   3.2.006
3 ~   Night Train to Munich   ~   Carol Reed   ~   1940   ~   USA, UK   ~   fiction   ~   3.2.008
4 ~   The Shop Around the Corner   ~   Ernst Lubitsch   ~   1940   ~   USA   ~   fiction   ~   3.2.009
Type 1 to continue searching, type 0 to return to the movies menu.
1
Please type the catagory you are searching.
Please type 1 to search names of movies.
Please type 2 to search for directors.
Please tpye 3 to search dates of publication.
Please type 4 to search for countries of origin.
Please type 5 to search genre:
Type 0 to quit.

2
You are searching directors.
Please input the name you are searching.
Hitchcock
1 ~   North by Northwest   ~   Alfred Hitchcock   ~   1959   ~   USA   ~   fiction   ~   3.2.001
2 ~   Saboteur   ~   Alfred Hitchcock   ~   1942   ~   USA   ~   fiction   ~   3.2.004
3 ~   Foreign Correspondent   ~ Alfred Hitchcock ~   1940   ~   USA   ~   fiction   ~   3.2.006
Type 1 to continue searching, type 0 to return to the movies menu.
```

```
Welcome to the Movies Menu:
Please type 1 to view movies:
Please type 2 to add movies:
Please type 3 to remove movies:
Please type 4 to edit movies:
Please type 5 to search movies:
Please type 0 to quit the movies menu:

5
Please type the catagory you are searching.
Please type 1 to search names of movies.
Please type 2 to search for directors.
Please tpye 3 to search dates of publication.
Please type 4 to search for countries of origin.
Please type 5 to search genre:
Type 0 to quit.

3
Enter the date you are searching.
1940
1 ~   The Mortal Storm   ~   Frank Borzage   ~   1940   ~   USA   ~   fiction   ~   3.2.003
2 ~   Foreign Correspondent   ~ Alfred Hitchcock ~   1940   ~   USA   ~   fiction   ~   3.2.006
3 ~   Night Train to Munich   ~   Carol Reed   ~   1940   ~   USA, UK   ~   fiction   ~   3.2.008
4 ~   The Shop Around the Corner   ~   Ernst Lubitsch   ~   1940   ~   USA   ~   fiction   ~   3.2.009
Type 1 to continue searching, type 0 to return to the movies menu.
```

Type 0 to quit the movie menu.

Option 6: Programs Menu

This is the programs menu:

```
Please make a selection:
1.- Add Program
2.- Search Program
3.- Edit Program
4.- Remove a Program
5.- Print Program report
6.- Exit program
```

To add an event to the programs roster:

The program will ask the user for all necessary information to add an event

```
Please make a selection:
1.- Add Program
2.- Search Program
3.- Edit Program
4.- Remove a Program
5.- Print Program report
6.- Exit program
1
Please enter the name of the event:
Let's Read
Please enter the speaker of the event:
Hasan Piker
Please enter the date of the event in the format MM/DD/YYYY :
12/01/2022
Please enter the location of the event:
Library
Please enter the names of the patrons attending
James Erwin
```

To edit programs:

Programs allows to edit all aspects of programs. First, the program asks for the name of the program the user wishes to edit. The event is first printed and then the menu to edit the programs will be presented. After user gives new input, the program will print out the updated event.

- To edit the name of the event:

```
Please make a selection:
1.- Add Program
2.- Search Program
3.- Edit Program
4.- Remove a Program
5.- Print Program report
6.- Exit program
3
Please enter the name of the program you want to edit:
Hello


~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Elliot Graham, Hello, 10/10/2023, Kids Section, []}

Please choose what you would like to edit:
1.- Name of event
2.- Speaker of event
3.- Date of Event
4.- Location of event
5.- Add a patron attending
6.- Remove a patron from attending
7.- Exit
1
Please enter the new name of the event:
Let's scrible


~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Elliot Graham, Let's scrible , 10/10/2023, Kids Section, []}
```

- To edit speaker of the event:

```
Please make a selection:
1.- Add Program
2.- Search Program
3.- Edit Program
4.- Remove a Program
5.- Print Program report
6.- Exit program
3
Please enter the name of the program you want to edit:
Let's scrible


~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Elliot Graham, Let's scrible , 10/10/2023, Kids Section, []}

Please choose what you would like to edit:
1.- Name of event
2.- Speaker of event
3.- Date of Event
4.- Location of event
5.- Add a patron attending
6.- Remove a patron from attending
7.- Exit
2
Please enter the new speaker of the event:
Blank name


~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Blank name, Let's scrible , 10/10/2023, Kids Section, []}
```

- To edit the date of the event:

```
Please make a selection:
1.- Add Program
2.- Search Program
3.- Edit Program
4.- Remove a Program
5.- Print Program report
6.- Exit program
3
Please enter the name of the program you want to edit:
Let's scrible

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Blank name, Let's scrible , 10/10/2023, Kids Section, []}

Please choose what you would like to edit:
1.- Name of event
2.- Speaker of event
3.- Date of Event
4.- Location of event
5.- Add a patron attending
6.- Remove a patron from attending
7.- Exit
3
Please enter the new date of the event(Please enter the date in the format MM/D
10/10/2022

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Blank name, Let's scrible , 10/10/2022, Kids Section, []}
```

- To edit location of the event:

```
Please make a selection:
1.- Add Program
2.- Search Program
3.- Edit Program
4.- Remove a Program
5.- Print Program report
6.- Exit program
3
Please enter the name of the program you want to edit:
Let's scrible


~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Blank name, Let's scrible , 10/10/2022, Kids Section, []}

Please choose what you would like to edit:
1.- Name of event
2.- Speaker of event
3.- Date of Event
4.- Location of event
5.- Add a patron attending
6.- Remove a patron from attending
7.- Exit
4
Please enter the new location of the event:
Main Lobby


~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Blank name, Let's scrible , 10/10/2022, Main Lobby, []}
```

- To add Patrons attending:

```
Please make a selection:
1.- Add Program
2.- Search Program
3.- Edit Program
4.- Remove a Program
5.- Print Program report
6.- Exit program
3
Please enter the name of the program you want to edit:
Let's scrible

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Blank name, Let's scrible , 10/10/2022, Main Lobby, []}

Please choose what you would like to edit:
1.- Name of event
2.- Speaker of event
3.- Date of Event
4.- Location of event
5.- Add a patron attending
6.- Remove a patron from attending
7.- Exit
5
Please enter the name of the Patron you would like to add
James Smith

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Blank name, Let's scrible , 10/10/2022, Main Lobby, [James Smith]}
```

- To remove a patron:

```
Please make a selection:
1.- Add Program
2.- Search Program
3.- Edit Program
4.- Remove a Program
5.- Print Program report
6.- Exit program
3
Please enter the name of the program you want to edit:
Let's scrible


Please choose what you would like to edit:
1.- Name of event
2.- Speaker of event
3.- Date of Event
4.- Location of event
5.- Add a patron attending
6.- Remove a patron from attending
7.- Exit
6
Please enter the name of the patron you want to remove:
James Smith


~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

{Blank name, Let's scrible , 10/10/2022, Main Lobby, []}
```