

- 1-Add book.
- 2-List borrowed books.
- 3-List all books in library.
- 4-Delete book.
- 5-Update book.
- 6-Filter and sort books.
- 7-Search book.
- 8-Reverse book list.
- 9-Return or borrow book.

Enter the selection:9

Please enter the operation:

- 1-Borrow book.
- 2-Return book.

1

Please enter the ISBN number of the book: 9780143127550

Please enter the student ID: 141414

The book was taken by somebody.

```
Enter the selection:9
Please enter the operation:
1-Borrow book.
2-Return book.
1
Please enter the ISBN number of the book: 9780142407332
Please enter the student ID: 141414
Borrowing operation was successfully made.
```

9780385474542,The Shining,Stephen King,1977,0  
9781451635621,The Outsiders,S.E. Hinton,1967,0  
9780553296983,Moby-Dick,Herman Melville,1851,0  
9780143127555,The Great Gatsby,F. Scott Fitzgerald,1925,0  
9780142424179,The Adventures of Tom Sawyer,Mark Twain,1876,0  
9780316769174,The Catcher in the Rye,J.D. Salinger,1951,0  
9780060929790,The Color Purple,Alice Walker,1982,0  
9780385343861,A Thousand Splendid Suns,Khaled Hosseini,2007,0  
9780062459341,The Sun Also Rises,Ernest Hemingway,1926,0  
9780735224315,The Goldfinch,Donna Tartt,2013,1  
9780525536291,The Silent Patient,Alex Michaelides,2019,1  
9780142407332,The Lightning Thief,Rick Riordan,2005,1  
9780345538376,The Help,Kathryn Stockett,2009,1  
9780143127555,Gone with the Wind,Margaret Mitchell,1936,0  
9780143127550,Gone Girl,Gillian Flynn,2012,1  
9780547928227,The Hunger Games,Suzanne Collins,2008,0  
9780807281918,Eragon,Christopher Paolini,2002,0  
9780375834936,Diary of a Wimpy Kid,Jeff Kinney,2007,0  
9780142418475,The Maze Runner,James Dashner,2009,0  
9780385739893,The Book Thief,Markus Zusak,2005,0  
9780553588484,The Da Vinci Code,Dan Brown,2003,0  
9780064404990,A Wrinkle in Time,Madeleine L'Engle,1962,0  
9780345391803,xxxxxxx,George R.R. Martin,1996,0  
9780553212477,The Count of Monte Cristo,Alexandre Dumas,1844,0  
9780140186406,Pride and Prejudice,Jane Austen,1813,1  
9780812550702,Ender's Game,Orson Scott Card,1985,1

```
alpertuf@DESKTOP-FF5ERSK:/mnt/c/Users/AlperKaan/Desktop/CSE-102/hw10$ make
```

```
1-Add book.  
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```

```
Enter the selection:1
```

```
Please enter the ISBN number: 9785484855
```

```
Please enter the author: Alper Kaan
```

```
Please enter the title: Kitap
```

```
Please enter the publication year: 2023
```

```
Please enter the method (1-LIFO 0-FIFO): 1
```

```
1-Add book.  
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6-Filter and sort books.  
7-Search book.  
8-Reverse book list.  
9-Return or borrow book.
```

```
Enter the selection:2
```

```
Please enter the student ID for searching: 141414
```

```
Gone Girl
```

```
The Silent Patient
```

```
The Goldfinch
```

```
The Help
```

9780812550702,Ender's Game,Orson Scott Card,1985,1  
9780140186406,Pride and Prejudice,Jane Austen,1813,1  
9780553212477,The Count of Monte Cristo,Alexandre Dumas,1844,0  
9780345391803,xxxxxxx,George R.R. Martin,1996,0  
9780064404990,A Wrinkle in Time,Madeleine L'Engle,1962,0  
9780553588484,The Da Vinci Code,Dan Brown,2003,0  
9780385739893,The Book Thief,Markus Zusak,2005,0

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- 7-Search book.
- 8-Reverse book list.
- 9-Return or borrow book.

Enter the selection:4

Please enter the isbn number to delete book: 9785484855

Book is successfully deleted.

- 1-Add book.
- 2-List borrowed books.
- 3-List all books in library.
- 4-Delete book.
- 5-Update book.
- 6-Filter and sort books.
- 7-Search book.
- 8-Reverse book list.
- 9-Return or borrow book.

```
Enter the selection:6
Please enter the filter choice (0-Author 1-Publication Year): 0
Please enter the filter: Dostoyevsky
Please enter the sort choice (0-title 1-Author 2-Publication year.): 0
9786052987612,Suc ve Ceza,Dostoyevsky,1987,0
1-Add book.
2-List borrowed books.
3-List all books in library.
4-Delete book.
5-Update book.
6-Filter and sort books.
7-Search book.
8-Reverse book list.
9-Return or borrow book.
```

```
Enter the selection:6
Please enter the filter choice (0-Author 1-Publication Year): 0
Please enter the filter: Stephen King
Please enter the sort choice (0-title 1-Author 2-Publication year.): 0
9780385474542,The Shining,Stephen King,1977,0
1-Add book.
2-List borrowed books.
3-List all books in library.
4-Delete book.
5-Update book.
6-Filter and sort books.
7-Search book.
8-Reverse book list.
9-Return or borrow book.
```



- 1-Add book.
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- 7-Search book.
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Enter the selection:8

9780385474542, The Shining, Stephen King, 1977, 0  
9781451635621, The Outsiders, S.E. Hinton, 1967, 0  
9780553296983, Moby-Dick, Herman Melville, 1851, 0  
9780143127555, The Great Gatsby, F. Scott Fitzgerald, 1925, 0  
9780142424179, The Adventures of Tom Sawyer, Mark Twain, 1876, 0  
9780316769174, The Catcher in the Rye, J.D. Salinger, 1951, 0  
9780060929790, The Color Purple, Alice Walker, 1982, 0  
9780385343861, A Thousand Splendid Suns, Khaled Hosseini, 2007, 0  
9780062459341, The Sun Also Rises, Ernest Hemingway, 1926, 0  
9780735224315, The Goldfinch, Donna Tartt, 2013, 1  
9780525536291, The Silent Patient, Alex Michaelides, 2019, 1  
9780142407332, The Lightning Thief, Rick Riordan, 2005, 0  
9780345538376, The Help, Kathryn Stockett, 2009, 1  
9780143127555, Gone with the Wind, Margaret Mitchell, 1936, 0  
9780143127550, Gone Girl, Gillian Flynn, 2012, 1  
9780547928227, The Hunger Games, Suzanne Collins, 2008, 0  
9780807281918, Eragon, Christopher Paolini, 2002, 0  
9780375834936, Diary of a Wimpy Kid, Jeff Kinney, 2007, 0  
9780142418475, The Maze Runner, James Dashner, 2009, 0  
9780385739893, The Book Thief, Markus Zusak, 2005, 0  
9780553588484, The Da Vinci Code, Dan Brown, 2003, 0  
9780064404990, A Wrinkle in Time, Madeleine L'Engle, 1962, 0  
9780345391803, xxxxxxxx, George R.R. Martin, 1996, 0  
9780553212477, The Count of Monte Cristo, Alexandre Dumas, 1844, 0  
9780140186406, Pride and Prejudice, Jane Austen, 1813, 1  
9780812550702, Ender's Game, Orson Scott Card, 1985, 1  
9780140301694, To Kill a Mockingbird, Harper Lee, 1960, 0  
9780061122415, The Giver, Lois Lowry, 1993, 0  
9780141187761, The Picture of Dorian Gray, Oscar Wilde, 1890, 0  
9780439023528, Catching Fire, Suzanne Collins, 2009, 0  
9780143127559, The Fault in Our Stars, John Green, 2012, 0  
9780553103540, Fahrenheit 451, Ray Bradbury, 1953, 1  
9780812984965, The Help, Kathryn Stockett, 2009, 1  
9781400032716, The Hobbit, J.R.R. Tolkien, 1937, 1  
9780060256654, Where the Wild Things Are, Maurice Sendak, 1963, 1  
9780062316097, 1984, George Orwell, 1949, 1  
9780399501487, Brave New World, Aldous Huxley, 1932, 1  
9780679720201, Animal Farm, George Orwell, 1945, 1  
9781400079988, The Catcher in the Rye, J.D. Salinger, 1951, 1  
9780141439518, Jane Eyre, Charlotte Bronte, 1847, 1  
9786054168926, 1984, George Orwell, 1949, 1  
9789752895798, Donusum, Franz Kafka, 1948, 0  
9786052987612, Suc ve Ceza, Dostoyevsky, 1987, 0

9780812550702,Ender's Game,Orson Scott Card,1985,1

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Enter the selection:7

Please enter the search choice (0-ISBN 1-Author 2-Title): 1

Enter the search value: George Orwell

ISBN: 9780062316097, TITLE: 1984, AUTHOR: George Orwell,PUBLISHED YEAR: 1949, STATUS: 1

ISBN: 9780679720201, TITLE: Animal Farm, AUTHOR: George Orwell,PUBLISHED YEAR: 1945, STATUS: 1

ISBN: 9786054168926, TITLE: 1984, AUTHOR: George Orwell,PUBLISHED YEAR: 1949, STATUS: 1