

Open



student.txt

~/Desktop/220104004829

Save



student.txt



book.txt



```
1 Selena Smith,10001,Charlie and the Chocolate Factory
2 Emily Johnson,10002,Pride and Prejudice,To Kill a Mockingbird
3 Michael Davis,10003,The Art of War,The Catcher in the Rye,Frankenstein
4 Alexandra Lee,10004,The Great Gatsby,Jane Eyre,1984
5 Benjamin Thompson,10005,The Lord of the Rings,The Hobbit,Brave New World
6 Sophia Garcia,10006,Harry Potter and the Sorcerer's Stone,The Hunger Games,Animal Farm
7 Daniel Johnson,10007,The Da Vinci Code
8 Isabella Martinez,10008,The Catch-22,Crime and Punishment
9 Ethan Harris,10009,The Odyssey,The Brothers Karamazov
10 Olivia Anderson,10010,The Chronicles of Narnia,Lord of the Flies
11 Emma Wilson,10011,The Shining
12 Jacob Davis,10012,The Book Thief,The Secret Garden,Don Quixote
13 Sophia Thompson,10013,The Outsiders,The Little Prince, The Handmaid's Tale
14 Michael Johnson,10014,The Count of Monte Cristo
15 Emily Wilson,10015,One Hundred Years of Solitude,The Hitchhiker's Guide to the Galaxy,A Game of Thrones
16 Ava Anderson,10016,The Sun Also Rises,The Grapes of Wrath
17 Logan Martinez,10017,Fahrenheit 451
18 Abigail Johnson,10018,The Giver,The Girl with the Dragon Tattoo,The Kite Runner
19 Mia Davis,10019,The Divine Comedy
20 Alexander Wilson,10020,The Picture of Dorian Gray,Gone with the Wind
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Plain Text ▾

Tab Width: 8 ▾

Ln 13, Col 26 ▾

INS

Open



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student.txt



book.txt



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1 9780141187761,1984,George Orwell,1949,1
2 9780061120084,Fahrenheit 451,Ray Bradbury,1953,1
3 9780451524935,Moby-Dick,Herman Melville,1851,0
4 9780553212419,Pride and Prejudice,Jane Austen,1813,1
5 9780142424179,To Kill a Mockingbird,Harper Lee,1960,1
6 9780679720201,The Great Gatsby,F. Scott Fitzgerald,1925,1
7 9780743273565,The Catcher in the Rye,J.D. Salinger,1951,1
8 9780062316097,The Hobbit,J.R.R. Tolkien,1937,1
9 9780385418959,Brave New World,Aldous Huxley,1932,1
10 9780679783268,One Hundred Years of Solitude,Gabriel Garcia Marquez,1967,1
11 9780544003415,Harry Potter and the Sorcerer's Stone,J.K. Rowling,1997,1
12 9780374533556,The Alchemist,Paulo Coelho,1988,0
13 9780553272536,The Lord of the Rings,J.R.R. Tolkien,1954,1
14 9781400034772,The Adventures of Huckleberry Finn,Mark Twain,1884,0
15 9780553275865,Alice's Adventures in Wonderland,Lewis Carroll,1865,0
16 9780064404990,Where the Red Fern Grows,Wilson Rawls,1961,0
17 9780141182605,The Picture of Dorian Gray,Oscar Wilde,1890,1
18 9780812550702,Ender's Game,Orson Scott Card,1985,0
19 9781400033416,The Book Thief,Markus Zusak,2005,1
20 9780064400022,The Giver,Lois Lowry,1993,1
21 9780679724629,The Brothers Karamazov,Fyodor Dostoyevsky,1880,1
22 9780375842207,The Lightning Thief,Rick Riordan,2005,0
23 9780679415735,The Diary of a Young Girl,Anne Frank,1947,0
```

Plain Text ▾

Tab Width: 8 ▾

Ln 15, Col 62 ▾

INS



zerda@zerda-Aspire-A315-57G: ~/Desktop/220104004829



zerda@zerda-Aspire-A315-57G:~/Desktop/220104004829\$ make

Menu:

1. Student's Borrowed Book List
2. Add Book
3. Delete Book
4. Update Book
5. Filter and Sort Books
6. Reverse Book List
7. Search Books
8. Borrow Books
9. Return Books
- 10.Exit

1

Enter the ID of the student: 10006

Harry Potter and the Sorcerer's Stone

The Hunger Games

Animal Farm

Menu:

1. Student's Borrowed Book List
2. Add Book
3. Delete Book



5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- 1

Enter the ID of the student: 20021
Student with this ID was not found.

Menu:

1. Student's Borrowed Book List
2. Add Book
3. Delete Book
4. Update Book
5. Filter and Sort Books
6. Reverse Book List
7. Search Books
8. Borrow Books
9. Return Books
- 10.Exit





Enter the ID of the student: 20021
Stundent with this ID was not found.

Menu:

1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- 2

Enter the ISBN: 2201040048291

Enter the title: My Book

Enter the author: Zerda Gul

Enter the year: 2021

Enter the method(0=FIFO, 1=LIFO): 0

Menu:

1. Student's Borrowed Book List
2. Add Book

Open



book.txt

~/Desktop/220104004829

Save



student.txt



book.txt



```
1 9780141187761,1984,George Orwell,1949,1
2 9780061120084,Fahrenheit 451,Ray Bradbury,1953,1
3 9780451524935,Moby-Dick,Herman Melville,1851,0
4 9780553212419,Pride and Prejudice,Jane Austen,1813,1
5 9780142424179,To Kill a Mockingbird,Harper Lee,1960,1
6 9780679720201,The Great Gatsby,F. Scott Fitzgerald,1925,1
7 9780743273565,The Catcher in the Rye,J.D. Salinger,1951,1
8 9780062316097,The Hobbit,J.R.R. Tolkien,1937,1
9 9780385418959,Brave New World,Aldous Huxley,1932,1
10 9780679783268,One Hundred Years of Solitude,Gabriel Garcia Marquez,1967,1
11 9780544003415,Harry Potter and the Sorcerer's Stone,J.K. Rowling,1997,1
12 9780374533556,The Alchemist,Paulo Coelho,1988,0
13 9780553272536,The Lord of the Rings,J.R.R. Tolkien,1954,1
14 9781400034772,The Adventures of Huckleberry Finn,Mark Twain,1884,0
15 9780553275865,Alice's Adventures in Wonderland,Lewis Carroll,1865,0
16 9780064404990,Where the Red Fern Grows,Wilson Rawls,1961,0
17 9780141182605,The Picture of Dorian Gray,Oscar Wilde,1890,1
18 9780812550702,Ender's Game,Orson Scott Card,1985,0
19 9781400033416,The Book Thief,Markus Zusak,2005,1
20 9780064400022,The Giver,Lois Lowry,1993,1
21 9780679724629,The Brothers Karamazov,Fyodor Dostoyevsky,1880,1
22 9780375842207,The Lightning Thief,Rick Riordan,2005,0
23 9780679415735,The Diary of a Young Girl,Anne Frank,1947,0
24 2201040048291,My Book,Zerda Gul,2021,0
```

Plain Text ▾

Tab Width: 8 ▾

Ln 19, Col 49 ▾

INS



Enter the method(0=FIFO, 1=LIFO): 0

Menu:

1. Student's Borrowed Book List
2. Add Book
3. Delete Book
4. Update Book
5. Filter and Sort Books
6. Reverse Book List
7. Search Books
8. Borrow Books
9. Return Books
- 10.Exit

2

Enter the ISBN: 2459157856482

Enter the title: New Story

Enter the author: Zehra Bilici

Enter the year: 1998

Enter the method(0=FIFO, 1=LIFO): 1

Menu:

1. Student's Borrowed Book List
2. Add Book
3. Delete Book

Open



book.txt

~/Desktop/220104004829

Save



student.txt



book.txt



```
1 2459157856482,New Story,Zehra Bilici,1998,0
2 9780141187761,1984,George Orwell,1949,1
3 9780061120084,Fahrenheit 451,Ray Bradbury,1953,1
4 9780451524935,Moby-Dick,Herman Melville,1851,0
5 9780553212419,Pride and Prejudice,Jane Austen,1813,1
6 9780142424179,To Kill a Mockingbird,Harper Lee,1960,1
7 9780679720201,The Great Gatsby,F. Scott Fitzgerald,1925,1
8 9780743273565,The Catcher in the Rye,J.D. Salinger,1951,1
9 9780062316097,The Hobbit,J.R.R. Tolkien,1937,1
10 9780385418959,Brave New World,Aldous Huxley,1932,1
11 9780679783268,One Hundred Years of Solitude,Gabriel Garcia Marquez,1967,1
12 9780544003415,Harry Potter and the Sorcerer's Stone,J.K. Rowling,1997,1
13 9780374533556,The Alchemist,Paulo Coelho,1988,0
14 9780553272536,The Lord of the Rings,J.R.R. Tolkien,1954,1
15 9781400034772,The Adventures of Huckleberry Finn,Mark Twain,1884,0
16 9780553275865,Alice's Adventures in Wonderland,Lewis Carroll,1865,0
17 9780064404990,Where the Red Fern Grows,Wilson Rawls,1961,0
18 9780141182605,The Picture of Dorian Gray,Oscar Wilde,1890,1
19 9780812550702,Ender's Game,Orson Scott Card,1985,0
20 9781400033416,The Book Thief,Markus Zusak,2005,1
21 9780064400022,The Giver,Lois Lowry,1993,1
22 9780679724629,The Brothers Karamazov,Fyodor Dostoyevsky,1880,1
23 9780375842207,The Lightning Thief,Rick Riordan,2005,0
24 9780679415735,The Diary of a Young Girl,Anne Frank,1947,0
25 2201040048291,My Book,Zerda Gul,2021,0
```

Plain Text

Tab Width: 8

Ln 9, Col 47

INS



Menu:

1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- 3

Enter the ISBN number: 9780141182605
Deletion is susccesful.

Menu:

1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- █

Open



book.txt

~/Desktop/220104004829

Save



student.txt



book.txt



```
1 2459157856482,New Story,Zehra Bilici,1998,0
2 9780141187761,1984,George Orwell,1949,1
3 9780061120084,Fahrenheit 451,Ray Bradbury,1953,1
4 9780451524935,Moby-Dick,Herman Melville,1851,0
5 9780553212419,Pride and Prejudice,Jane Austen,1813,1
6 9780142424179,To Kill a Mockingbird,Harper Lee,1960,1
7 9780679720201,The Great Gatsby,F. Scott Fitzgerald,1925,1
8 9780743273565,The Catcher in the Rye,J.D. Salinger,1951,1
9 9780062316097,The Hobbit,J.R.R. Tolkien,1937,1
10 9780385418959,Brave New World,Aldous Huxley,1932,1
11 9780679783268,One Hundred Years of Solitude,Gabriel Garcia Marquez,1967,1
12 9780544003415,Harry Potter and the Sorcerer's Stone,J.K. Rowling,1997,1
13 9780374533556,The Alchemist,Paulo Coelho,1988,0
14 9780553272536,The Lord of the Rings,J.R.R. Tolkien,1954,1
15 9781400034772,The Adventures of Huckleberry Finn,Mark Twain,1884,0
16 9780553275865,Alice's Adventures in Wonderland,Lewis Carroll,1865,0
17 9780064404990,Where the Red Fern Grows,Wilson Rawls,1961,0
18 9780812550702,Ender's Game,Orson Scott Card,1985,0
19 9781400033416,The Book Thief,Markus Zusak,2005,1
20 9780064400022,The Giver,Lois Lowry,1993,1
21 9780679724629,The Brothers Karamazov,Fyodor Dostoyevsky,1880,1
22 9780375842207,The Lightning Thief,Rick Riordan,2005,0
23 9780679415735,The Diary of a Young Girl,Anne Frank,1947,0
24 2201040048291,My Book,Zerda Gul,2021,0
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Plain Text ▾

Tab Width: 8 ▾

Ln 14, Col 58 ▾

INS



1. Student's Borrowed Book List
2. Add Book
3. Delete Book
4. Update Book
5. Filter and Sort Books
6. Reverse Book List
7. Search Books
8. Borrow Books
9. Return Books
- 10.Exit

4

Enter the ISBN: 9780385418959

Enter the feature: title

Enter the value: Amazing World

Menu:

1. Student's Borrowed Book List
2. Add Book
3. Delete Book
4. Update Book
5. Filter and Sort Books
6. Reverse Book List
7. Search Books
8. Borrow Books
9. Return Books
- 10.Exit

Open



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```
1 2459157856482,New Story,Zehra Bilici,1998,0
2 9780141187761,1984,George Orwell,1949,1
3 9780061120084,Fahrenheit 451,Ray Bradbury,1953,1
4 9780451524935,Moby-Dick,Herman Melville,1851,0
5 9780553212419,Pride and Prejudice,Jane Austen,1813,1
6 9780142424179,To Kill a Mockingbird,Harper Lee,1960,1
7 9780679720201,The Great Gatsby,F. Scott Fitzgerald,1925,1
8 9780743273565,The Catcher in the Rye,J.D. Salinger,1951,1
9 9780062316097,The Hobbit,J.R.R. Tolkien,1937,1
10 9780385418959,Amazing World,Aldous Huxley,1932,1
11 9780679783268,One Hundred Years of Solitude,Gabriel Garcia Marquez,1967,1
12 9780544003415,Harry Potter and the Sorcerer's Stone,J.K. Rowling,1997,1
13 9780374533556,The Alchemist,Paulo Coelho,1988,0
14 9780553272536,The Lord of the Rings,J.R.R. Tolkien,1954,1
15 9781400034772,The Adventures of Huckleberry Finn,Mark Twain,1884,0
16 9780553275865,Alice's Adventures in Wonderland,Lewis Carroll,1865,0
17 9780064404990,Where the Red Fern Grows,Wilson Rawls,1961,0
18 9780812550702,Ender's Game,Orson Scott Card,1985,0
19 9781400033416,The Book Thief,Markus Zusak,2005,1
20 9780064400022,The Giver,Lois Lowry,1993,1
21 9780679724629,The Brothers Karamazov,Fyodor Dostoyevsky,1880,1
22 9780375842207,The Lightning Thief,Rick Riordan,2005,0
23 9780679415735,The Diary of a Young Girl,Anne Frank,1947,0
24 2201040048291,My Book,Zerda Gul,2021,0
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Plain Text ▾

Tab Width: 8 ▾

Ln 9, Col 47 ▾

INS



1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- 4

Enter the ISBN: 9780374533556

Enter the feature: author

Enter the value: Selena Rose

Menu:

1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
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3 9780061120084,Fahrenheit 451,Ray Bradbury,1953,1
4 9780451524935,Moby-Dick,Herman Melville,1851,0
5 9780553212419,Pride and Prejudice,Jane Austen,1813,1
6 9780142424179,To Kill a Mockingbird,Harper Lee,1960,1
7 9780679720201,The Great Gatsby,F. Scott Fitzgerald,1925,1
8 9780743273565,The Catcher in the Rye,J.D. Salinger,1951,1
9 9780062316097,The Hobbit,J.R.R. Tolkien,1937,1
10 9780385418959,Amazing World,Aldous Huxley,1932,1
11 9780679783268,One Hundred Years of Solitude,Gabriel Garcia Marquez,1967,1
12 9780544003415,Harry Potter and the Sorcerer's Stone,J.K. Rowling,1997,1
13 9780374533556,The Alchemist,Selena Rose,1988,0
14 9780553272536,The Lord of the Rings,J.R.R. Tolkien,1954,1
15 9781400034772,The Adventures of Huckleberry Finn,Mark Twain,1884,0
16 9780553275865,Alice's Adventures in Wonderland,Lewis Carroll,1865,0
17 9780064404990,Where the Red Fern Grows,Wilson Rawls,1961,0
18 9780812550702,Ender's Game,Orson Scott Card,1985,0
19 9781400033416,The Book Thief,Markus Zusak,2005,1
20 9780064400022,The Giver,Lois Lowry,1993,1
21 9780679724629,The Brothers Karamazov,Fyodor Dostoyevsky,1880,1
22 9780375842207,The Lightning Thief,Rick Riordan,2005,0
23 9780679415735,The Diary of a Young Girl,Anne Frank,1947,0
24 2201040048291,My Book,Zerda Gul,2021,0
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Plain Text ▾

Tab Width: 8 ▾

Ln 13, Col 47 ▾

INS



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7. Search Books
8. Borrow Books
9. Return Books
10.Exit
4
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Enter the ISBN: 9780374533556

Enter the feature: author

Enter the value: Selena Rose

Menu:

```
1. Student's Borrowed Book List
2. Add Book
3. Delete Book
4. Update Book
5. Filter and Sort Books
6. Reverse Book List
7. Search Books
8. Borrow Books
9. Return Books
10.Exit
4
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Enter the ISBN: 9780812550702

Enter the feature: publication year

Enter the value: 2000

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student.txt



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3 9780061120084,Fahrenheit 451,Ray Bradbury,1953,1
4 9780451524935,Moby-Dick,Herman Melville,1851,0
5 9780553212419,Pride and Prejudice,Jane Austen,1813,1
6 9780142424179,To Kill a Mockingbird,Harper Lee,1960,1
7 9780679720201,The Great Gatsby,F. Scott Fitzgerald,1925,1
8 9780743273565,The Catcher in the Rye,J.D. Salinger,1951,1
9 9780062316097,The Hobbit,J.R.R. Tolkien,1937,1
10 9780385418959,Amazing World,Aldous Huxley,1932,1
11 9780679783268,One Hundred Years of Solitude,Gabriel Garcia Marquez,1967,1
12 9780544003415,Harry Potter and the Sorcerer's Stone,J.K. Rowling,1997,1
13 9780374533556,The Alchemist,Selena Rose,1988,0
14 9780553272536,The Lord of the Rings,J.R.R. Tolkien,1954,1
15 9781400034772,The Adventures of Huckleberry Finn,Mark Twain,1884,0
16 9780553275865,Alice's Adventures in Wonderland,Lewis Carroll,1865,0
17 9780064404990,Where the Red Fern Grows,Wilson Rawls,1961,0
18 9780812550702,Ender's Game,Orson Scott Card,2000,0
19 9781400033416,The Book Thief,Markus Zusak,2005,1
20 9780064400022,The Giver,Lois Lowry,1993,1
21 9780679724629,The Brothers Karamazov,Fyodor Dostoyevsky,1880,1
22 9780375842207,The Lightning Thief,Rick Riordan,2005,0
23 9780679415735,The Diary of a Young Girl,Anne Frank,1947,0
24 2201040048291,My Book,Zerda Gul,2021,0
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Plain Text ▾

Tab Width: 8 ▾

Ln 19, Col 49 ▾

INS



Menu:

1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- 7

Enter the search choice(0=ISBN, 1=author, 2=title) and search value: 0 9780142424179
9780142424179, To Kill a Mockingbird, Harper Lee, 1960, 1

Menu:

1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- █



1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- 7

Enter the search choice(0=ISBN, 1=author, 2=title) and search value: 1 J.R.R. Tolkien
9780062316097, The Hobbit, J.R.R. Tolkien, 1937, 1
9780553272536, The Lord of the Rings, J.R.R. Tolkien, 1954, 1

Menu:

1. Student's Borrowed Book List
2. Add Book
3. Delete Book
4. Update Book
5. Filter and Sort Books
6. Reverse Book List
7. Search Books
8. Borrow Books
9. Return Books
- 10.Exit



1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- 7

Enter the search choice(0=ISBN, 1=author, 2=title) and search value: 2 The Great Gatsby
9780679720201, The Great Gatsby, F. Scott Fitzgerald, 1925, 1

Menu:

1. Student's Borrowed Book List
 2. Add Book
 3. Delete Book
 4. Update Book
 5. Filter and Sort Books
 6. Reverse Book List
 7. Search Books
 8. Borrow Books
 9. Return Books
 - 10.Exit
- 10

zerda@zerda-Aspire-A315-57G:~/Desktop/220104004829\$