

Menu

```
***** Books Management *****  
1. Add new book  
2. Find a book  
3. Display books  
4. Borrow book  
5. Return book  
6. End the program  
What's your choice :
```

Add a Book

```
What's your choice :1  
Enter book number : 123  
Enter title : maths  
Enter name of main author : john  
Enter publisher details :xyx pub  
Year of publication : 2019  
No. of copies : 10  
Available copies : 10  
Book added successfully
```

```
What's your choice :1  
Enter book number : 345  
Enter title : physics  
Enter name of main author : hitler  
Enter publisher details :ymn pub  
Year of publication : 2021  
No. of copies : 20  
Available copies : 20  
Book added successfully
```

Find a book

```
***** Books Management *****
1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :2
Enter book number to search : 123
Book with number 123 found
```

```
***** Books Management *****
1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :2
Enter book number to search : 145
Book not found!!
```

Display Books

Display By author

```

***** Books Management *****
1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :3
*****
1. Display by author
2. Display by publisher
3. Display by year of publication
4. display all
yOur choice : 1
Enter author name : john
*****
Available books are:

-----
| Book_number| Title_of_Book| Author_Name| Publisher_Name | Year |no_of_copies |available_copies|
-----
| 123        | maths       | john      | xyx pub        | 2019 | 10          | 10             |
-----

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1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :3
*****
1. Display by author
2. Display by publisher
3. Display by year of publication
4. display all
yOur choice : 1
Enter author name : unknown
*****
Available books are:

-----
| Book_number| Title_of_Book| Author_Name| Publisher_Name | Year |no_of_copies |available_copies|
-----
No Data found
-----
***** Books Management *****

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Display by publisher

```

***** Books Management *****
1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :3
*****
1. Display by author
2. Display by publisher
3. Display by year of publication
4. display all
yOur choice : 2
Enter publisher name : ymn pub
*****
Available books are:
-----
| Book_number| Title_of_Book| Author_Name| Publisher_Name | Year |no_of_copies |available_copies|
-----
| 345        | physics      | hitler     | ymn pub        | 2021 | 20          | 20            |
-----

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Display by year

```

***** Books Management *****
1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :3
*****
1. Display by author
2. Display by publisher
3. Display by year of publication
4. display all
yOur choice : 3
Enter year : 2021
*****
Available books are:
-----
| Book_number| Title_of_Book| Author_Name| Publisher_Name | Year |no_of_copies |available_copies|
-----
| 345        | physics      | hitler     | ymn pub        | 2021 | 20          | 20            |
-----

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Display all

```

***** Books Management *****
1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :3
*****
1. Display by author
2. Display by publisher
3. Display by year of publication
4. display all
yOur choice : 4
*****
Available books are:
-----
| Book_number| Title_of_Book| Author_Name| Publisher_Name | Year |no_of_copies |available_copies|
-----
| 123        | maths        | john      | xyx pub        | 2019 | 10          | 10            |
-----
| 345        | physics      | hitler    | ymn pub        | 2021 | 20          | 20            |
-----

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Borrow book

```

***** Books Management *****
1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :4
-----
Enter book number to borrow : 123
Borrower name : ahmed
Book borrowed successfully!!!
-----
***** Books Management *****

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Available copies are decreased:

```

*****
1. Display by author
2. Display by publisher
3. Display by year of publication
4. display all
yOur choice : 4
*****
Available books are:
-----
| Book_number| Title_of_Book| Author_Name| Publisher_Name | Year |no_of_copies |available_copies|
-----
| 123        | maths        | john       | xyx pub        | 2019 | 10          | 9             |
-----
| 345        | physics      | hitler     | ymn pub        | 2021 | 20          | 20            |
-----

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Return book

```

***** Books Management *****
1. Add new book
2. Find a book
3. Display books
4. Borrow book
5. Return book
6. End the program
What's your choice :5
-----
Enter book number to return : 123
Book returned successfully

```

Available copies are increased again

```

*****
Available books are:
-----
| Book_number| Title_of_Book| Author_Name| Publisher_Name | Year |no_of_copies |available_copies|
-----
| 123        | maths        | john       | xyx pub        | 2019 | 10          | 10            |
-----
| 345        | physics      | hitler     | ymn pub        | 2021 | 20          | 20            |
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