

Class App

java.lang.Object [↗](#)
App

```
public class App
extends Object ↗
```

flow of the app.

Version:

0.0.1 || 9/07/2024

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Field Summary

Fields

Modifier and Type	Field	Description
(package private) BookFileManager	<code>bookManager</code>	
(package private) Scanner ↗	<code>sc</code>	
(package private) UserManager	<code>userManager</code>	

Constructor Summary

Constructors

Constructor	Description
<code>App()</code>	

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method		Description
(package private) int	<code>bookOptions(List ↗<Integer ↗> bks)</code>		To show books of the indexes in the list
(package private) void	<code>createUser()</code>		To create new user
(package private) boolean	<code>lastValidation()</code>		
static void	<code>main(String ↗[] args)</code>		

(package private) void	mainMenu()	
(package private) void	open()	To run initial functions
(package private) void	searchBooks()	To give search options for books
(package private) void	userBookList()	To display and perform operations over the user's list
(package private) boolean	userLogin()	To authenticate user
(package private) boolean	userLoginStory()	To verify that the user has successfully logged in or not
(package private) void	userProfile()	To show user's profile and perform updation over it

Methods inherited from class [java.lang.Object](#)

[clone](#), [equals](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

Field Details

sc

[Scanner](#) sc

bookManager

BookFileManager bookManager

userManager

UserFileManager userManager

Constructor Details

App

```
public App()
```

Method Details

open

```
void open()
```

To run initial functions

lastValidation

```
boolean lastValidation()
```

userLoginStory

```
boolean userLoginStory()
```

To verify that the user has succesfully logged in or not

Returns:

true when user logges in.

userLogin

```
boolean userLogin()
```

To authenticate user

Returns:

true if user in true else false

createUser

```
void createUser()
```

To create new user

searchBooks

```
void searchBooks()
```

To give search options for books

bookOptions

```
int bookOptions(List<Integer> bks)
```

To show books of the indexes in the list

Parameters:

bks -

Returns:

The index of the book in the list which the user has choosen

userBookList

```
void userBookList()  
    throws IOException
```

To display and perform opeations over the user's list

Throws:

[IOException](#)

userProfile

```
void userProfile()
```

To show user's profile and perform updation over it

mainMenu

```
void mainMenu()  
    throws IOException
```

Throws:

[IOException](#)

main

```
public static void main(String[] args)  
    throws IOException
```

Throws:

[IOException](#)