

Class Book

java.lang.Object
Book

```
public class Book
extends Object
```

Class to store meta data and some basic functions of a book to implement functions on books.

Version:

0.0.1 || 8/7/2024

Author:

Ayush Goyal

Field Summary

Fields		
Modifier and Type	Field	Description
(package private) String	authors	
(package private) String	fileName	
(package private) String	genre	
(package private) String	name	
(package private) Double	price	
(package private) String	publication	

Constructor Summary

Constructors	
Constructor	Description
Book(String fileName, String name, String publication, String authors, String genre, Double price)	framing book details .

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method		Description
boolean	checkAuthor(String author)		To check for the author of the book

boolean	checkFile (String fileName)	
boolean	checkGenre (String genre)	To check for the genre of the book
boolean	checkName (String name)	To check for the name of the book
boolean	checkPublication (String publication)	To check for the publication of the book
static Book	fromCsvLine (String csvLine)	To convert fields form the lines of csv file to book for book list
void	openBook ()	To open the book in windows
String	toCsvLine ()	To produce csv file lines

Methods inherited from class java.lang.Object

clone , equals , getClass , hashCode , notify , notifyAll , toString , wait , wait , wait

Field Details

fileName

String fileName

name

String name

publication

String publication

authors

String authors

genre

String genre

price

Double price

Constructor Details

Book

```
public Book(String fileName,
            String name,
            String publication,
            String authors,
            String genre,
            Double price)
```

framing book details .

Parameters:

fileName -

name -

publication -

authors -

genre -

price -

Method Details

fromCsvLine

```
public static Book fromCsvLine(String csvLine)
```

To convert fields form the lines of csv file to book for book list

Parameters:

csvLine -

Returns:

new Book

checkFile

```
public boolean checkFile(String fileName)
```

checkName

```
public boolean checkName(String name)
```

To check for the name of the book

Parameters:

name -

Returns:

boolean

checkAuthor

```
public boolean checkAuthor(String author)
```

To check for the author of the book

Parameters:

author -

Returns:

boolean

checkGenre

```
public boolean checkGenre(String genre)
```

To check for the genre of the book

Parameters:

genre -

Returns:

boolean

checkPublication

```
public boolean checkPublication(String publication)
```

To check for the publication of the book

Parameters:

publication -

Returns:

boolean

openBook

```
public void openBook()  
    throws IOException
```

To open the book in windows

Throws:

IOException

toCsvLine

```
public String toCsvLine()
```

To produce csv file lines

Returns:

comma seperated variables string