MyProjects - Maik Project 1/src/myUniLibrary.java - Eclipse IDE File Edit Source Refactor Navigate Search Project Run Window Help Project Explorer 🖂 ☐ 💲 😭 🌣 🗆 🗎 🚺 Books.java 🔝 myUniLibrary.java 🕄 - - E Ta System.out.println("Was unable to find the Book: "+title); ↑ = F= 0 ✓

Maik Project 1 > A JRE System Library [JavaSE-1.8] break; ✓

Src < → IP BareBonesArravList.iava 🖺 Problems @ Javadoc 🚇 Declaration 📮 Console 🕱 BareBonesArrayList<E> myUniLibrary [Java Application] C:\Program Files\Java\jre1.8.0_171\bin\javaw.exe (Feb 24, 2019, 3:24:50 PM) myUnibinary [Java Application] CiProgram FileVJavajuel.8.0] T71biniyavaw.eee (Feb 24, 2019, 324:50 PM)

bellcome to the University Library Please Select One of the Following (1-8)

1. List all the books

2. Display the books sorted according to the year of publication

3. Sort the books according to Length in pages, starting with the shortest

4. Sort the books according to reveive ratings, starting with the highest rating

5. Ask user for a subject, and display all the books belonging to that specific subject

6. Search for a specific book by mane, and display all the details if the book exists

7. Add a book to the list of books (ask the user for all the details) > D Books.java > DHArrayList.java
> DHArrayList.java 8. Exit Books:
Title: Book#1
Title: Book#2
Year: 2014 Pages: 63 Rating:1.0 Subject: Programming
Title: Book#2
Year: 1982 Pages: 565 Rating:1.5 Subject: Operating Systems Year: 1981 Pages: 341 Rating:8.0 Subject: Algorithms Year: 1996 Pages: 487 Rating:6.5 Subject: Programming Year: 1990 Pages: 400 Rating:0.3 Junject: 10g manus Year: 2016 Pages: 400 Rating:6.1 Subject: Operating Systems Year: 1998 Pages: 368 Rating:2.0 Subject: Algorithms Title: Book#7 | Title: Book#/ Year: 2002 Pages: 957 Rating:4.0 Subject: Algorithms | Title: Book#8 Year: 1983 Pages: 310 Rating:3.2 Subject: Data Structures Year: 1903 Pages: 310 Rating:3.2 Subject: Data Structures
Title: Book#3
Year: 2000 Pages: 768 Rating:3.5 Subject: Data Structures
Title: Book#10
Year: 2001 Pages: 265 Rating:2.3 Subject: Operating Systems Year: 1984 Pages: 398 Rating:0.9 Subject: Gaming Year: 1989 Pages: 104 Rating:9.9 Subject: Operating Systems Year: 1989 Pages: 194 Rating: 9.9 Subject: upergaing ayaning
| Title: Bookst4 Year: 1999 Pages: 989 Rating: 7.1 Subject: Data Structures
| Title: Bookst5 Year: 2004 Pages: 468 Rating: 4.7 Subject: Gaming
| Title: Bookst6 Year: 1993 Pages: 263 Rating: 5.2 Subject: Gaming
| Title: Bookst6 Year: 1993 Pages: 263 Rating: 5.2 Subject: Gaming Title: Book#17
Title: Book#18
Title: Book#18
Title: Book#18
Year: 2009 Pages: 700
Rating: 6.6 Subject: Programming
Rating: 6.5 Subject: Gaming Year: 2011 Pages: 559 Rating:4.9 Subject: Data Structures Year: 2013 Pages: 807 Rating:9.3 Subject: Programming 🔃 myUniLibrary.java - Maik Project 1/src

MyProjects - Maik Project 1/src/myUniLibrary.java - Eclipse IDE File Edit Source Refactor Navigate Search Project Run Window Help □ □ | Task List ⊠ □ ▼ | 😭 😭 | 💸 🚯 [🎦 Project Explorer 🛭 🕒 😘 📳 🔻 🗆 🗓 Books, java 💹 myUnikibrany, java 🔾 System.out.println("Was unable to find the Book: "+title); } break; ✓

Maik Project 1

Maik Project 1

Maik Project 1

Maik Project 1 ✓

 BareBonesArrayList.java
 BareBonesArrayList<E> MyUnibury Land Application (CA) regard fieldwayleil.20.17thiniyaww.ee [Feb 24, 2019.2245 PM)

1. List all the books
2. Display the books sorted according to the year of publication
3. Sort the books according to length in pages, starting with the shortest
4. Sort the books according to review ratings, starting with the highest rating
5. Ask user for a subject, and display all the books belonging to that specific subject
6. Search for a specific book by name, and display all the details if the book exists
7. Add a book to the list of books (ask the user for all the details
8. Exit Books.java
 DHArrayList.java
 myUniLibrary.java Sorted by Year (Acending)
Title: Books?
| Title: Books2 | Titl | Title: Books2 | Vaer: 1982 Pages: 568 | Rating:1.5 Subject: Operating Systems |
| Title: Books8 | Title: Books8 | Rating:3.2 Subject: Oata Structures |
| Title: Books1 | Vaer: 1986 Pages: 398 | Rating:3.2 Subject: Oata Structures |
| Title: Books1 | Vaer: 1989 Pages: 702 | Rating:6.5 Subject: Oata Structures |
| Title: Books1 | Vaer: 1989 Pages: 184 | Rating:9.9 Subject: Operating Systems |
| Title: Books8 | Vaer: 1999 Pages: 487 | Rating:9.5 Subject: Oata Structures |
| Title: Books8 | Vaer: 1996 Pages: 487 | Rating:9.5 Subject: Oata Structures |
| Title: Books1 | Vaer: 2080 Pages: 487 | Rating:9.5 Subject: Oata Structures |
| Title: Books1 | Vaer: 2080 Pages: 487 | Rating:9.5 Subject: Operating Systems |
| Title: Books1 | Vaer: 2080 Pages: 597 | Rating:9.5 Subject: Operating Systems |
| Title: Books1 | Vaer: 2080 Pages: 488 | Rating:9.5 Subject: Oata Structures |
| Title: Books1 | Vaer: 2080 Pages: 488 | Rating:9.5 Subject: Oata Structures |
| Title: Books1 | Vaer: 2080 Pages: 488 | Rating:9.5 Subject: Oata Structures |
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| Title: Books1 | Vaer: 2080 Pages: 798 | Rating:9.5 Subject: Oata Structures |
| Title: Books1 | Vaer: 2080 Pages: 798 | Rating:9.5 Subject: Oata Structures |
| Title: Books1 | Vaer: 2080 Pages: 798 | Rating:9.5 Subject: Oata Structures |
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| Title: Books2 | Vaer: 2080 Pages: 798 | Rating:9.5 Subject: Oata Structures |
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| Title: Books2 | Vaer: 2080 Pages: 798 | Rating:9.5 Subject: Oata Structures |
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Year: 2010 Pages: 708

Rating: 0.5 Subject: Gasing

Title: Booksis

Year: 2011 Pages: 708

Rating: 1.5 Subject: Data Structures

Title: Booksis

Year: 2016 Pages: 480

Rating: 1.0 Subject: Data Structures

Rating: 1.0 Subject: Programming

Rating: 1.0 Subject: Data Structures

Rating: 1.0 Subject: Data Structures

Year: 2016 Pages: 440

Rating: 6.1 Subject: Operating Systems

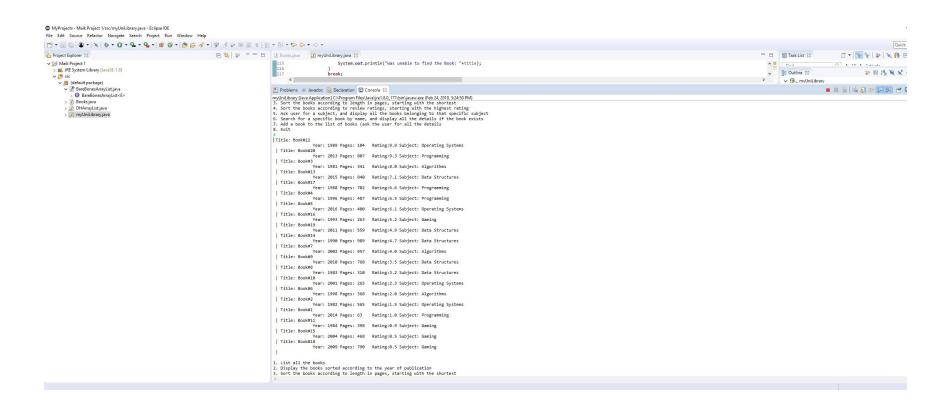
MyProjects - Maik Project 1/src/myUniLibrary.java - Eclipse IDE File Edit Source Refactor Navigate Search Project Run Window Help Project Explorer ☆ □ Sooks,java ☑ myUniLibrary,java ☆ □ ■ Task List 🛭 System.out.println("Was unable to find the Book: "+title); } break; So Outline SS So E 1/2 No No Outline SS SO E 1/2 NO OUTLINE SS SO E 1/ ∨ 😂 Maik Project 1 JRE System Library [JavaSE-1.8] ✓ ♣ (default package)

✓ ♣ (default package)

✓ Æ BareBonesArrayList.java

→ ⑥ BareBonesArrayList<E> Problems @ Javadoc Q Declaration Console 🖂 improvements absolute purceasion of Lorenze 20 (Thibnipawa.ees (Feb 24, 2019, 32450 PM))

3. Sort the books according to length in pages, starting with the shortest
4. Sort the books according to review ratings, starting with the shortest
5. Ask user for a subject, and display all the books belonging to that specific subject
6. Search for a specific book by name, and display all the details if the book exists
7. Add a book to the list of books (ask the user for all the details
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> myUniLibrary.java | Title: Books1 | Vear: 2014 Pages: 63 | Rating:1.0 Subject: Programming |
| Title: Books12 | Vear: 1989 Pages: 104 | Rating:9.0 Subject: Operating Systems |
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| Title: Books6 | Vear: 1993 Pages: 265 | Rating:5.2 Subject: Operating Systems |
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| Title: Books6 | Vear: 1993 Pages: 342 | Rating:8.0 Subject: Algorithms | | Title: Books13
| Title: Books14 | Pages: 348 | Rating:8.0 Subject: Algorithms |
| Title: Books12 | Pages: 368 | Rating:2.0 Subject: Algorithms |
| Title: Books14 | Pages: 368 | Rating:9.0 Subject: Gaming |
| Title: Books4 | Pages: 468 | Rating:9.1 Subject: Operating Systems |
| Title: Books4 | Pages: 468 | Rating:9.5 Subject: Gaming |
| Title: Books4 | Pages: 468 | Rating:9.5 Subject: Operating Systems |
| Title: Books4 | Pages: 478 | Rating:9.5 Subject: Operating Systems |
| Title: Books19 | Rating:9.5 Subject: Operating Systems |
| Title: Books19 | Pages: 558 | Rating:9.5 Subject: Data Structures |
| Title: Books17 | Rating:9.5 Subject: Operating Systems |
| Title: Books17 | Pages: 558 | Rating:9.5 Subject: Operating Systems |
| Title: Books17 | Pages: 768 | Rating:9.5 Subject: Operating Systems |
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| Title: Books17 | Pages: 768 | Rating:9.5 Subject: Operating Systems |
| Title: Books17 | Pages: 768 | Pages: Pages 1. List all the books
2. Display the books sorted according to the year of publication
3. Sort the books according to length in pages, starting with the shortest



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MyProjects - Maik Project 1/src/myUniLibrary.java - Eclipse IDE
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✓ 

✓ 

Maik Project 1

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          > M JRE System Library [JavaSE-1.8]
           ∨ # src
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√ ∰ (default package)

▼ 

BareBonesArrayList.java

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4. Sort the books according to review reatings, starting with the highest rating
5. Ask user for a subject, and display all the books belonging to that specific subject
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4. Sort the books according to review ratings, starting with the highest rating
5. Ask user for a subject, and display all the books belonging to that specific subject
6. Search for a specific book by name, and display all the details if the book exists
7. Add a book to the list of books (ask the user for all the details
8. Exit
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MyProjects - Maik Project 1/src/myUniLibrary.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer 🖂
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 ∨ 😂 Maik Project 1
                                                                                                                                                                      System.out.println("Was unable to find the Book: "+title);
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Æ (default package)

           Problems @ Javadoc 🚇 Declaration 📮 Console 🗯
                BareBonesArrayList<E>
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          > 🚺 Books.java
                                                                                                                                   Year: 2004 Pages: 468 Rating:0.5 Subject: Gaming | Title: Book#18
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    Display the books sorted according to the year of publication
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    Display the books sorted according to the year of publication
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2. Display the books sorted according to the year of publication
3. Sort the books according to length in pages, starting with the shortest
4. Sort the books according to review ratings, starting with the highest rating
5. Ask user for a subject, and display all the books belonging to that specific subject
6. Search for a specific book by name, and display all the details if the book exists
7. Add a book to the list of books (ask the user for all the details
8. Exit
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MyProjects - Maik Project 1/src/myUniLibrary.java - Eclipse IDE - 0 File Edit Source Refactor Navigate Search Project Run Window Help System.out.println("Was unable to find the Book: "+title);
}
break; ✓

Maik Project 1 115 System.
116 }
117 break; > M JRE System Library [JavaSE-1.8] > BareBonesArrayList. E>

BareBonesArrayList. E> Problems @ Javadoc Q Declaration Console 22 myUniLibrary [Java Application] C:\Program Files\Java\jre1.8.0_171\bin\javaw.exe (Feb 24, 2019, 3:24:50 PM) Books.java

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myUniLibrary.java Programming
Title: Book#20
Year: 2013 Pages: 807 Rating:9,3 Subject: Programming Title: Book#17
Year: 1988 Pages: 702 Rating:6.6 Subject: Programming Title: Book#4

Year: 1996 Pages: 487 Rating:6.5 Subject: Programming Title: Book#1
Year: 2014 Pages: 63 Rating:1.0 Subject: Programming 1. List all the books
2. Display the books sorted according to the year of publication
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4. Sort the books according to review ratings, starting with the highest sating
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6. Exit
6. Exit the books (ask the user for all the details for the books (ask the user for all the details for the books) Was unable to find the Subject: Fantasy
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2. Display the books sorted according to the year of publication
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5. Asks user for a subject, and display all the books belonging to that specific bubject
6. Search for a specific book by name, and display all the details
7. Add a book to the list of books (ask the user for all the details
6. Estit book#3 Title: Book#3 Year: 1981 Pages: 341 Rating:8.0 Subject: Algorithms 1. List all the books
2. Display the books sorted according to the year of publication
3. Sort the books according to length in pages, starting with the shortest and 4. Sort the books according to review ratings, starting with the highest rating 4. Sort the books according to provide ratings, starting with the highest rating 6. Search for a specific book by name, and display all the details if the book exists
7. Add a book to the list of books (ask the user for all the details
6. Exit

MyProjects - Maik Project 1/src/myUniLibrary.java - Eclipse IDE File Edit Source Refactor Navigate Search Project Run Window Help [] ▼ [] [] [] [] ▼ [] [] ▼ [] ▼ [] ▼ [] ▼ [] ▼ [] ● [] ▼ [] ♥ [] ● [] ¶ [] ¶ [] ▼ Project Explorer ✓ 🧺 Maik Project 1 System.out.println("Was unable to find the Book: "+title); > M JRE System Library [JavaSE-1.8] ∨ 🥮 src < √ Æ (default package) ▼ BareBonesArrayList.java 🙎 Problems @ Javadoc 🚇 Declaration 📮 Console 🛭 ■ BareBonesArrayList<E> myUniLibrary [Java Application] C:\Program Files\Java\jre1.8.0_171\bin\javaw.exe (Feb 24, 2019, 3:24:50 PM) > D Books.java 7. Add a book to the list of books (ask the user for all the details > DHArrayList.java 8. Exit > // myUniLibrary.java Enter the Subject: Was unable to find the Subject: Fantasy
1. List all the books List all the books
 Display the books sorted according to the year of publication
 Sort the books according to length in pages, starting with the shortest
 Sort the books according to review ratings, starting with the highest rating
 Ask user for a subject, and display all the books belonging to that specific subject
 Search for a specific book by name, and display all the details if the book exists
 Add a book to the list of books (ask the user for all the details 8. Exit Enter the Book Title Title: Book#3 Year: 1981 Pages: 341 Rating:8.0 Subject: Algorithms 1. List all the books List all the books
 Display the books sorted according to the year of publication
 Sort the books according to length in pages, starting with the shortest
 Sort the books according to review ratings, starting with the highest rating
 Ask user for a subject, and display all the books belonging to that specific subject
 Search for a specific book by name, and display all the details if the book exists
 Add a book to the list of books (ask the user for all the details 8. Exit Enter the Title: Enter the Subject: Enter Year (From 1980 to 2019): Enter Number of Pages (From 50 to 1000): Enter Rating: 1. List all the books List all the books
 Display the books sorted according to the year of publication
 Sort the books according to length in pages, starting with the shortest
 Sort the books according to review ratings, starting with the highest rating
 Ask user for a subject, and display all the books belonging to that specific subject
 Search for a specific book by name, and display all the details if the book exists
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116 }
117 break;
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Title: Book#12 Year: 1989 Pages: 104 Rating:9.9 Subject: Operating Systems
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| Title: Books47 | Vear: 2016 Pages: 407 | Rating:6.5 Subject: Programming |
| Title: Books4 | Vear: 2016 Pages: 408 | Rating:6.5 Subject: Programming |
| Title: Books40 | Vear: 2016 Pages: 408 | Rating:6.5 Subject: Programming |
| Title: Books40 | Vear: 2019 Pages: 408 | Rating:6.5 Subject: Data Structures |
| Title: Books40 | Vear: 2019 Pages: 987 | Rating:4.9 Subject: Data Structures |
| Title: Books80 | Vear: 2019 Pages: 978 | Rating:4.9 Subject: Algorithms |
| Title: Books80 | Vear: 2019 Pages: 368 | Rating:3.5 Subject: Data Structures |
| Title: Books80 | Vear: 2019 Pages: 318 | Rating:3.5 Subject: Data Structures |
| Title: Books80 | Vear: 2019 Pages: 318 | Rating:3.5 Subject: Data Structures |
| Title: Books80 | Vear: 2019 Pages: 2018 | Rating:3.5 Subject: Data Structures |
| Title: Books80 | Vear: 2019 Pages: 2018 | Rating:3.5 Subject: Data Structures |
| Title: Books80 | Vear: 2019 Pages: 2018 | Rating:3.5 Subject: Data Structures |
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| Title: Books80 | Vear: 2019 Pages: 2018 | Rating:3.5 Subject: Data Structures |
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| Title: Books80 | Vear: 2019 Pages: 2018 | Rating:3.5 Subject: Data Structures |
| Title: Books80 | Vear: 2019 Pages: 2018 | Rating:3.5 Subject: Data Structures |
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| Title: Book
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| Title: Book#2 | Vear: 1908 Pages: 265 | Rating: 2.3 Subject: Operating Systems | Title: Book#2 |
| Title: Book#2 | Vear: 1998 Pages: 368 | Rating: 2.0 Subject: Algorithms |
| Title: Book#2 | Vear: 1902 Pages: 565 | Rating: 1.5 Subject: Operating Systems
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Venr: 2014 Pages: 63 Rating:1.0 Subject: Programming
| Title: Book#15 | Year: 1984 Pages: 398 Rating:0.9 Subject: Gaming
| Title: Book#15 | Year: 2084 Pages: 468 Rating:0.5 Subject: Gaming
| Title: Book#18 | Year: 2089 Pages: 790 Rating:0.5 Subject: Gaming
| Title: The Giver | Year: 1993 Pages: 240 Rating:8.6 Subject: Science Fiction

    List all the books
    Display the books sorted according to the year of publication
    Sort the books according to length in pages, starting with the shortest
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MyProjects - Maik Project 1/src/myUniLibrary.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
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Maik Project 1

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       > M JRE System Library [JavaSE-1.8]
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                                                                                                                                                                                                                                                                         Year: 2011 Pages: 559 Rating:4.9 Subject: Data Structures
| Title: Book#14 | Year: 1990 Pages: 989 | Rating:4.7 Subject: Data Structures
| Title: Book#16 | Year: 1990 Pages: 989 | Rating:4.7 Subject: Data Structures
| Title: Book#7
                     > D Books.java
                     > DHArrayList.java
> DmyUniLibrary.java
                                                                                                                                                                                                                                                                        | Title: Book#7 Year: 2002 Pages: 957 Rating: 4.0 Subject: Algorithms |
| Title: Book#9 | Title: Book#10 | Year: 1983 Pages: 310 |
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| Title: Book#6 Year: 1998 Pages: 368 Rating:2.0 Subject: Algorithms
| Title: Book#2
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                                                                                                                                                                                                                                                                           | Title: Book#1 Year: 2014 Pages: 63 Rating:1.0 Subject: Programming | Title: Book#11
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4. Sort the books according to review ratings, starting with the highest rating
5. Ask user for a subject, and display all the books belonging to that specific subject
6. Search for a specific book by name, and display all the details if the book exists
7. Add a book to the list of books (ask the user for all the details
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Maik Project 1

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        > M JRE System Library [JavaSE-1.8]

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BareBonesArrayList.java

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                                     BareBonesArrayList<E>
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6. Search for a specific book by name, and display all the details if the book exists
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                        > D Books.java
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                        > 🔃 myUniLibrary.java
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                                                                                                                                                                                                                                                                                                                                           Year: 1981 Pages: 341 Rating:8.0 Subject: Algorithms
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                                                                                                                                                                                                                                                                                                                                            Year: 1983 Pages: 310 Rating:3.2 Subject: Data Structures
                                                                                                                                                                                                                                                                                               | Title: Book#11
                                                                                                                                                                                                                                                                                               | Title: BOOK#12 | Year: 1989 Pages: 104 | Rating:9.9 Subject: Operating Systems | Year: 1989 Pages: 1989 | Rating:4.7 Subject: Data Structures | Title: Book#16 |
                                                                                                                                                                                                                                                                                            | Title: BOOK#16 | Year: 1993 Pages: 263 | Rating:5.2 Subject: Gaming | Title: The Giver | Year: 1993 Pages: 240 | Rating:8.6 Subject: Science Fiction | Title: Book#4
                                                                                                                                                                                                                                                                                                                                            Year: 1996 Pages: 487 Rating:6.5 Subject: Programming
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| Title: Book#18
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                                                                                                                                                                                                                                                                                                                                            Year: 2010 Pages: 768 Rating:3.5 Subject: Data Structures
                                                                                                                                                                                                                                                                                               | Title: Book#19 Year: 2011 Pages: 559 Rating:4.9 Subject: Data Structures
                                                                                                                                                                                                                                                                                             | Title: Book#13 | Titl
                                                                                                                                                                                                                                                                                              Year: 2015 Pages: 840 Rating:7.1 Subject: Data Structures
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    Display the books sorted according to the year of publication
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