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Lab 7: Array of Object

Problem

Submissions

Discussions

Implement the following classes:

Book
- book_name: String - author: String
+ Book(book_name: String, author: String) + getBookName(): String + getAuthor(): String + toString(): String

Main
+ Search(books[]: Book, author: String): String + main(args[]: String): void

Suppose, there is a collection of book entries in a library.

- Now, write a program to ask user how many books he/she wants to add, take book name and author name as user input and store all the books in a "Book" type object array.
- Ask user to enter author name, invoke Search method which will return a String containing number of books of that author and a list of books as shown below.

Input Format

Input Sample	Output Sample
How many books do you want to add? 3	2 books selected Author: Robert C. Martin
Enter all the books name and author name: A Handbook of Agile Software Craftsmanship Robert C. Martin Introduction to Algorithms Thomas H. Cormen A Code of Conduct for Professional Programmers Robert C. Martin	Search Results: A Handbook of Agile Software Craftsmanship A Code of Conduct for Professional Programmers
Enter author name to search: Robert C. Martin	

Constraints

Output Format

Sample Input 0



```
3
A Handbook of Agile Software Craftsmanship
Robert C. Martin
Introduction to Algorithms
Thomas H. Cormen
A Code of Conduct for Professional Programmers
Robert C. Martin
Robert C. Martin
```

Sample Output 0

```
2 books selected | Author: Robert C. Martin

Search Results:
A Handbook of Agile Software Craftsmanship
A Code of Conduct for Professional Programmers
```

Explanation 0

[f](#) [t](#) [in](#)Submissions: 7
Max Score: 10Rate This Challenge
☆☆☆☆☆[More](#)Current Buffer (saved locally, editable)  Java 7 

```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class
           should be named Solution. */
11     }
12 }
```

Line:

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