```
public Collection<Book> findByAuthor(String author)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if (book.getTitle().equals(title))
                                                                                                                                                                    6 public class LibraryImpl implements Library { 7
                              2 import com.eisgroup.javaexam.library.Library;
1 import com.eisgroup.javaexam.library.Book;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          public Book findByTitle(String title)
                                                                                                                                                                                                                                       List<Book> books = new ArrayList<>();
                                                                                                                                                                                                                                                                                                                                          public void takeABook(Book book)
                                                                                                                                                                                                                                                                                                                                                                             if (!books.contains(book)) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    public int getNumberOfBooks() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             for (Book book : books) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                return book;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       return books.size();
                                                                                                                                                                                                                                                                                                                                                                                                                books.add(book);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      return null;
                                                                                                  4 import java.util.*;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GOverride
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GOverride
                                                                                                                                                                                                                                                                                                           GOverride
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GOverride
```

```
Comparator<Book> sortByPageCount = Comparator.comparing(Book::getPageCount);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           public Collection<Book> getBooksSortedByPageCount() {
List<Book> booksByAuthor = new ArrayList<>();
                                                                                                                                      if (book.getAuthor().equals(author)) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Collections.sort(books, sortByPageCount);
                                                                                                                                                                                   booksByAuthor.add(book);
                                                                                       for (Book book : books) {
                                                                                                                                                                                                                                                                                                                        return booksByAuthor;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    return books;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              GOverride
```