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package org.assignment.linkedlist;

import java.util.LinkedList;

class Book
{
    int srNo;
    String title;

    public Book(int srNo,String title ) {
        this.title = title;
        this.srNo = srNo;
    }

    @Override
    public String toString() {
        return "Book{" +
            "srNo=" + srNo +
            ", title='" + title + '\'' +
            '}';
    }
}

class LibraryService
{
    LinkedList<Book> books;

    public LibraryService() {
        this.books=new LinkedList<>();
    }

    public void addBook(Book book)
    {
        books.add(book);
        System.out.println("Book added");
        System.out.println(books);
    }

    public void search(String Title)
    {
        for(Book book:books)
        {
            if(book.title.equals(Title))
            {
                System.out.println("Book is available");
            }
            else
            {
                System.out.println("Book is not available");
            }
        }
    }
}

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        }
    }
}
public void removeBook(String Title)
{
    for(Book book:books)
    {
        if(book.title.equals(Title))
        {
            books.remove();
            System.out.println("Book is removed");
        }
        else
        {
            System.out.println("Book is not in the list");
        }
    }
    System.out.println(books);
}
}

}
public class LibraryManagement {

    public static void main(String[] args) {
        LibraryService l= new LibraryService();
        l.addBook(new Book(1,"Rain" ));
        l.search("Rain");
        l.removeBook("Rain");
    }
}

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